

Catalog of New York State Workforce Development Pipelines for the Dairy Industry



**Agriculture
and Markets**

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Disclaimer: This document was created in May 2023. Although effort has been made to provide information that is current and accurate, users are encouraged to confirm accuracy of information with points of contact or through organizations' websites, which are linked throughout the document.

About the Dairy Think Tank

New York State Agriculture and Markets Law requires the Commissioner of Agriculture and Markets to form and select a Council called the Milk Marketing Advisory Council. The Council must comprise of dairy industry leaders and advocates and their purpose is to provide advice and counsel to the Commissioner on issues that affect the dairy industry. As part of the Council's work and to further develop the dairy industry in New York, the Department of Agriculture and Markets launched the Dairy Think Tank. The purpose of the Dairy Think Tank is to gather great minds and leaders in the industry and discuss challenges and the future of dairy. The four areas the Dairy Think Tank asked the Department to focus on, listed in priority order, are:

1. Processing Expansion/Workforce Development
2. Government Partnership
3. Branding/Marketing
4. Industry Support

The Dairy Think Tank (Think Tank) now has over 50 members who are working together to envision the future of New York's dairy industry. After surveying members of the Think Tank, the group's top priority was identified as workforce development, specifically to understand the dairy industry's workplace needs, devise a strategy to retain the current workforce and develop programs that entice the future workforce to work in the dairy industry.

One specific action the Think Tank identified as a top priority was to create a central resource to catalog information about agriculture-related workforce development programs, opportunities and funding streams available within the State. This document will be that resource for dairy farms and dairy processing plants that are looking for potential future employees.

The Department appreciates and thanks the Dairy Think Tank members for their collaboration and participation to create this resource.

More information regarding other dairy industry resources can be found at:
<https://agriculture.ny.gov/dairycareers>.

Dairy Workforce Pipelines

Workforce
Development
Services and Funding
Streams in NYS

Pipeline to Youth and
Future Generations
of Workers

Agriculture in the
Classroom

FFA

4-H Programs

MANRRS Programs

Pipeline to Skilled
Workers Ready to
Enter the Industry

High School,
BOCES, PTECH and
CTE Agriculture and
Technology Programs

Undergraduate and
Post-Graduate
Agriculture Programs

Cornell Dairy Foods
Extension's Dairy
Processing
Bootcamp for High
School Students

Pipeline to Workers
Interested in
Agriculture with no
Training

DOL Registered
Apprenticeship
Programs

Pipeline to Finding
Additional Workers

Agricultural
Recruitment System

Office of Strategic
Workforce
Development

Local Workforce
Development Boards

Dairy Jobs versus Potential Future Employees

This chart shows the number of dairy farms, dairy cows and dairy processing plants by county compared with the number of students enrolled in agriculture courses or participating in 4-H programs with a dairy component. Use this chart as a tool to see where the future jobs in the dairy industry will likely be located, compared with where potential future employees are receiving training and education before deciding to enter the agriculture workforce.

Region	County	Dairy Farms (2019) ¹	Dairy Cows (2020) ²	Dairy Processing Plants (2019) ³	SUNY Students in Ag Courses (Fall 2020) ⁴	Middle School/ High School Students in Ag Courses (2021) ⁵	4-H Programs with Dairy (2021)
Capital Region	Albany	7	1,800	2	0	101	11
WNY	Allegany	65	8,300	2	181 (48) ⁶	121	3
NYC	Bronx	0	0	0	0	135	0
Southern Tier	Broome	25	4,700	0	0	156	14
WNY	Cattaraugus	188	14,300	1	0	382	30
CNY	Cayuga	84	42,000	2	0	117	0
WNY	Chautauqua	158	18,800	2	0	159	23
Southern Tier	Chemung	17	1,900	0	0	0	1
Southern Tier	Chenango	133	11,200	2	0	160	3
North Country	Clinton	77	16,500	0	0	261	7
Capital Region	Columbia	11	6,800	4	0	22	31 ⁷
CNY	Cortland	76	12,100	2	0	110	0
Southern Tier	Delaware	86	6,900	5	264 ⁸	288	23
Mid-Hudson	Dutchess	16	1,700	2	0	96	0
WNY	Erie	79	11,600	6	0	878	12
North Country	Essex	8	1,400	0	0	15	0

¹ Counties with fewer than 3 producers are restricted and have not been counted.

² Counties with "D" listing have a combined total of 100 dairy cows.

³ <https://agriculture.ny.gov/system/files/documents/2021/10/2020dairystatisticsannualsummary.pdf>

⁴ Number in parentheses indicates number of students enrolled in agriculture programs NOT including veterinarian program.

⁵ While no schools with agriculture programs exist in Seneca, Warren and Wayne Counties, students interested in agriculture that reside within these counties are served by BOCES located in other counties

⁶ Alfred State University

⁷ Columbia County and Greene County share 4H programs.

⁸ SUNY Delhi

Region	County	Dairy Farms (2019) ¹	Dairy Cows (2020) ²	Dairy Processing Plants (2019) ³	SUNY Students in Ag Courses (Fall 2020) ⁴	Middle School/ High School Students in Ag Courses (2021) ⁵	4-H Programs with Dairy (2021)
North Country	Franklin	128	15,400	2	0	31	0
Mohawk Valley	Fulton	7	1,400	2	0	45	12 ⁹
FLX	Genesee	51	28,000	5	44 (2) ¹⁰	269	43
Capital Region	Greene	14	200	2	0	129	31*
North Country	Hamilton	0	0	0	0	84	0
Mohawk Valley	Herkimer	125	10,300	0	0	212	20
North Country	Jefferson	146	28,000	3	32 (9) ¹¹	583	2
NYC	Kings	0	0	4	0	163	0
North Country	Lewis	156	27,000	2	0	157	3
FLX	Livingston	48	28,500	0	0	0	1
CNY	Madison	145	18,300	3	484 ¹²	394	9
FLX	Monroe	9	1,800	2	6 ¹³	22	0
Mohawk Valley	Montgomery	204	11,900	1	0	164	12**
Long Island	Nassau	0	0	4	0	147	0
NYC	New York	0	0	3	0	179	0
WNY	Niagara	17	9,000	1	0	109	21
Mohawk Valley	Oneida	186	16,500	4	0	261	14
CNY	Onondaga	59	25,500	3	0	267	0
FLX	Ontario	96	26,500	0	0	276	21
Mid-Hudson	Orange	32	3,400	3	0	475	0
FLX	Orleans	20	3,500	0	0	198	3
CNY	Oswego	22	4,100	0	37 ¹⁴	88	10
Mohawk Valley	Otsego	121	7,700	1	0	12	0
Mid-Hudson	Putnam	0	0	0	0	21	0
NYC	Queens	0	0	6	0	904	0
Capital Region	Rensselaer	32	3,700	2	0	110	7

⁹ Fulton County and Montgomery County share 4H programs.

¹⁰ Genesee Community College

¹¹ Jefferson Community College

¹² SUNY Morrisville

¹³ Monroe Community College

¹⁴ SUNY Oswego

Region	County	Dairy Farms (2019) ¹	Dairy Cows (2020) ²	Dairy Processing Plants (2019) ³	SUNY Students in Ag Courses (Fall 2020) ⁴	Middle School/ High School Students in Ag Courses (2021) ⁵	4-H Programs with Dairy (2021)
NYC	Richmond	0	0	0	0	0	0
Mid-Hudson	Rockland	0	D	1	0	0	0
North Country	St. Lawrence	255	35,000	2	187 (9) ¹⁵	300	0
Capital Region	Saratoga	19	9,300	2	0	255	2
Capital Region	Schenectady	4	300	1	0	0	0
Mohawk Valley	Schoharie	41	5,500	0	561 ¹⁶	143	15
Southern Tier	Schuyler	13	6,800	1	0	62	0
FLX	Seneca	87	7,500	2	0	0*	0
Southern Tier	Steuben	136	22,500	3	0	91	0
Long Island	Suffolk	0	D	3	94 ¹⁷	314	0
Mid-Hudson	Sullivan	17	1,100	2	0	145	4
Southern Tier	Tioga	56	5,600	0	0	123	0
Southern Tier	Tompkins	34	10,200	2	4800 [450] ¹⁸	88	5
Mid-Hudson	Ulster	0	400	1	171 (3) ¹⁹	47	3
Capital Region	Warren	0	0	0	18 ²⁰	0*	0
Capital Region	Washington	104	23,000	3	0	474	0
FLX	Wayne	44	7,300	0	0	0*	5
Mid-Hudson	Westchester		D	0	43 ²¹	118	0
FLX	Wyoming	128	47,000	0	0	113	0
FLX	Yates	255	12,700	1	0	48	0

¹⁵ SUNY Canton

¹⁶ SUNY Cobleskill

¹⁷ Suffolk County Community College - West

¹⁸ Cornell: on average, 450 students graduate annually with majors and/or minors that involve food and agriculture. In fall 2020, 4,800 students enrolled in classes that related to food, agriculture, environmental sciences and environmental engineering.

¹⁹ SUNY Ulster

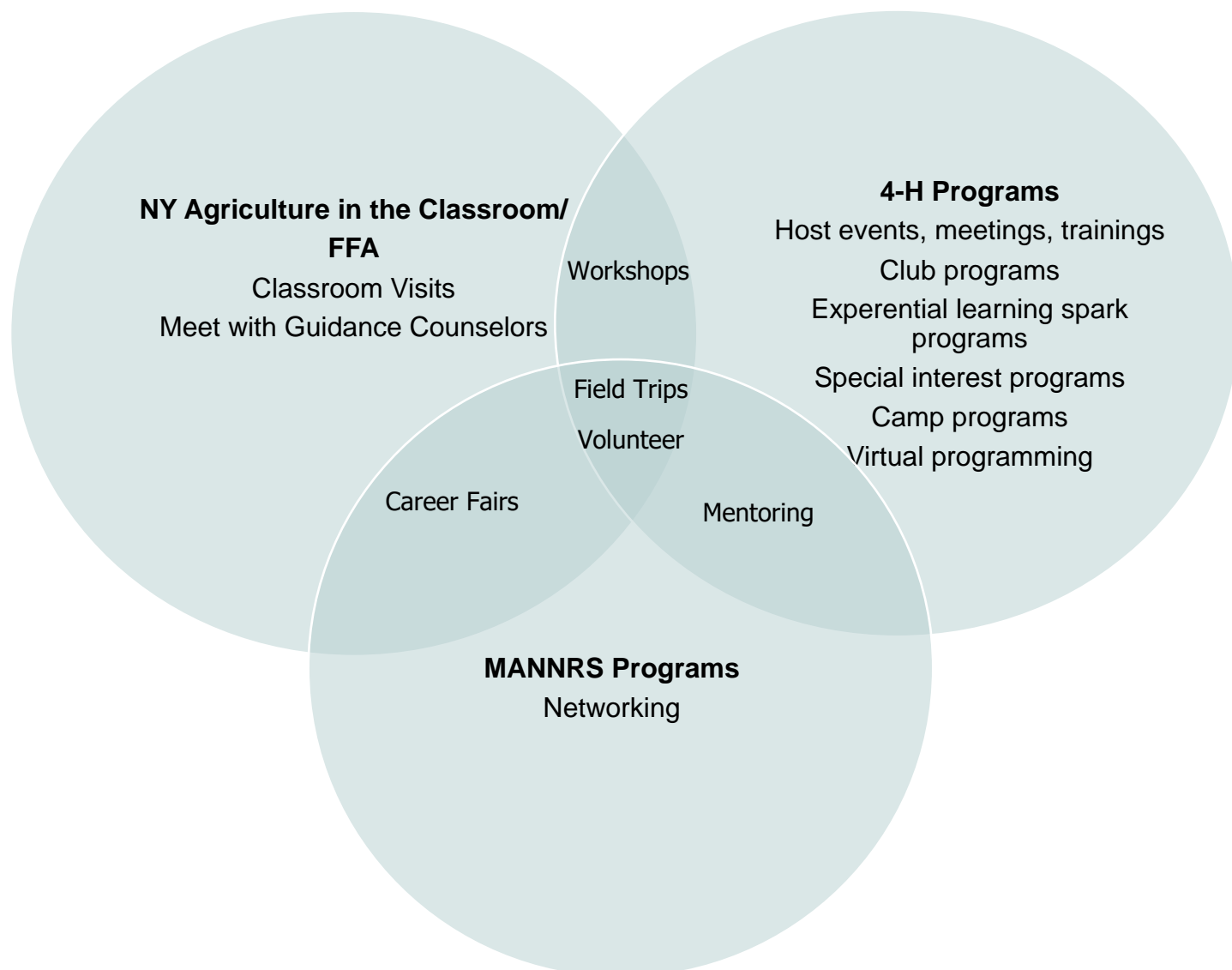
²⁰ SUNY Adirondack

²¹ Westchester Community College

Pipeline to Youth and Future Generations of Workers

Many schools in New York State offer academic programs and clubs focused on agriculture. These programs and clubs are fostering an interest in agriculture among students of all ages and are training the agriculture workforce of the future. Connect with these schools, programs and clubs in your area to set up visits, field trips and other events to further immerse the students in agriculture and continue to grow their interests in the industry. Older students in these programs may also be interested in part-time positions, internships, traineeships, apprenticeships or entry level jobs.

Question for Improvement to Pipeline: Should these groups work together on the programs they currently have that intersect with other groups?



New York Agriculture in the Classroom (NYAIRC) Programs

[New York Agriculture in the Classroom](#), or NYAIRC, works with pre-K through high school teachers and other community educators, farmers and producers, volunteers, parents and community partners to increase agricultural literacy in New York State. Over 350 agriculture teachers currently participate in NYAIRC and teach the Agriculture, Food, and Natural Resources Content Career Cluster standards at 222 middle and/or high schools across the state so that more than 15,000 students can gain an in-depth understanding of the different sectors of the agriculture industry.

This chart lists high schools with NYAIRC programs in New York State. Use this list to connect with schools near you and set up visits, field trips and other opportunities to foster the younger generation's interest in agriculture and begin identifying students who may enter the agriculture workforce in the future.

If there is not currently a NYAIRC program offered at your local school, please contact NYAIRC directly to discuss adding the program to the school's curriculum.

Contact:

NYAIRC	607-255-9253	nyairc@cornell.edu
Katie Carpenter, Director	607-255-9253, Option 6	kse45@cornell.edu

County	School/Campus Name
Albany	Berne-Knox-Westerlo Junior-Senior High School
Albany	Bethlehem Central Senior High School
Albany	Capital Region BOCES- Albany Campus, Career & Technical School
Allegany	Bolivar-Richburg Junior-Senior High School
Allegany	Cattaraugus-Allegany-Erie-Wyoming BOCES- Belmont Center
Allegany	Cuba-Rushford High School
Allegany	Fillmore Central School
Broome	Broome-Tioga BOCES Main Campus
Broome	Windsor Central High School
Cattaraugus	Cattaraugus-Little Valley High School
Cattaraugus	Ellicottville Center
Cattaraugus	Franklinville Jr/Sr High School
Cattaraugus	Olean Center
Cattaraugus	Pioneer High School
Cattaraugus	Randolph Sr. High School
Cayuga	Cato-Meridian Central School
Cayuga	Cayuga-Onondaga BOCES Main Campus
Cayuga	Moravia Junior-Senior High School
Cayuga	Southern Cayuga Jr/Sr High School
Cayuga	Union Springs High School
Chautauqua	Cassadaga Valley Middle/High School
Chautauqua	Chautauqua Lake Secondary School
Chautauqua	Clymer Central School
Chautauqua	Hewes Center

County	School/Campus Name
Chautauqua	LoGuidice Center
Chautauqua	Pine Valley Jr./Sr. High School
Chautauqua	Sherman High School
Chemung	GST BOCES-Bush Campus
Chenango	Afton Junior/Senior High School
Chenango	Bainbridge-Guilford High School
Chenango	DCMO BOCES- Chenango Campus
Chenango	Norwich High School
Chenango	Otselic Valley Central School
Chenango	Oxford Academy High School
Chenango	Sherburne-Earlville Senior High School
Chenango	Unadilla Valley Secondary School
Clinton	Beekmantown High School
Clinton	Clinton-Essex-Warren- Washington BOCES- Plattsburgh Campus
Clinton	Northern Adirondack Middle/High School
Clinton	Plattsburgh Main Campus
Columbia	Taconic Hills Jr/Sr High School
Cortland	Cincinnatus High School
Cortland	Homer High School
Cortland	Lime Hollow Nature Center
Cortland	Marathon High School
Cortland	McGraw Secondary School
Delaware	DCMO BOCES-Robert W. Harrold Campus
Delaware	Delaware Academy High School
Delaware	Northern Catskills Occupational Center
Delaware	Sidney Jr/ Sr High School
Delaware	Walton High School
Dutchess	Dutchess BOCES-Main Campus
Dutchess	John Jay Senior High School
Dutchess	Pawling Middle School
Dutchess	Stissing Mountain High School
Erie	Eden Jr/Sr High School
Erie	Erie 1 BOCES- Buffalo Zoo New Visions
Erie	Erie 2-Chautauqua-Cattaraugus BOCES- Carrier Center
Erie	Griffith Institute High School
Erie	Harkness Career and Technical Center
Erie	Kenton Career and Technical Center
Erie	Ormsby Center
Erie	Potter Career and Technical Center
Erie	PS 305 McKinley Vocational High School
Essex	Mineville Campus
Franklin	Brushton-Moira High School
Franklin	Chateaugay High School
Franklin	Salmon River High School
Fulton	HFM BOCES- Ag. P-TECH Location
Fulton	HFM BOCES Main Campus
Genesee	Byron-Bergen Jr/Sr High School

County	School/Campus Name
Genesee	Elba Junior-Senior High School
Genesee	Genesee Valley Educational Partnership- Batavia Campus
Genesee	Oakfield-Alabama Middle/High School
Genesee	Pavilion Junior-Senior High School
Greene	Greenville High School
Greene	Greenville Middle School
Herkimer	Herkimer High School
Herkimer	Mount Markham Middle School
Herkimer	Mount Markham Senior High School
Herkimer	Owen D Young Central School
Herkimer	W.E.B. Complex
Herkimer	West Canada Valley Jr/Sr High School
Jefferson	Alexandria Central High School
Jefferson	Belleville Henderson Central School
Jefferson	Carthage Senior High School
Jefferson	Indian River High School
Jefferson	Jefferson-Lewis-Hamilton-Herkimer-Oneida BOCES- Charles H. Bohlen Technical Center
Jefferson	La Fargeville Central School
Jefferson	South Jefferson CSD- Clarke Middle School
Jefferson	South Jefferson High School
Jefferson	Watertown Senior High School
Kings	Abraham Lincoln High School
Kings	Boys and Girls High School
Kings	James Madison High School
Lewis	Beaver River Senior High School
Lewis	Howard G. Sackett Technical Center
Lewis	Lowville High School
Lewis	South Lewis High School
Livingston	Genesee Valley Educational Partnership- Mount Morris Campus
Madison	Canastota Jr/Sr High School
Madison	Cazenovia High School
Madison	Deruyter High School
Madison	Hamilton Jr/Sr High School
Madison	Madison Central School
Madison	Morrisville Middle/High School
Madison	Stockbridge Valley Central School
Monroe	Monroe 1 BOCES- Eastern Monroe Career Center
Montgomery	Fonda-Fultonville 5-8 School
Montgomery	Fonda-Fultonville Senior High School
Montgomery	Oppenheim-Ephratah-St. Johnsville Junior/Senior High School
Nassau	Joseph M. Barry CTE Center
New York	Food and Finance High School
New York	New York Harbor School
New York	The Urban Assembly School for Green Careers
Niagara	Niagara Career and Technical Educational Center
Niagara	Royalton-Hartland High School
Niagara	Wilson High School

County	School/Campus Name
Oneida	Adirondack High School
Oneida	OHM BOCES Main Campus
Oneida	Remsen Junior-Senior High School
Oneida	Rosetti Educational Center
Oneida	Vernon-Verona-Sherrill Senior High School
Oneida	Waterville Junior/Senior High School
Onondaga	Fabius-Pompey Middle/High School
Onondaga	Marcellus High School
Onondaga	Nottingham High School
Onondaga	OCM BOCES-Henry CTE Campus
Onondaga	Onondaga Central High School
Onondaga	OnTECH Charter High School
Onondaga	Tully Junior/Senior High School
Ontario	Finger Lakes Technical and Career Center
Ontario	Marcus Whitman High School
Ontario	Midlakes High School
Orange	Goshen (Amy Bull Crist) Campus
Orange	Port Jervis Senior High School
Orange	Warwick Valley High School
Orleans	Albion High School (Charles D'Amico)
Orleans	Medina High School
Orleans	Orleans Career and Technical Education Center
Oswego	Oswego BOCES- CiTi Main Campus
Oswego	Sandy Creek High School
Otsego	Morris Central School
Otsego	Otsego Area Occupational Center
Otsego	Richfield Springs Jr/Sr High School
Queens	George Washington Carver High School for the Sciences
Queens	Humanities and Arts High School
Queens	John Bowne High School
Queens	Renaissance Charter School
Rensselaer	Hoosick Falls Junior Senior High School
Rensselaer	Rensselaer Educational Center
Saratoga	F. Donald Myers Education Center
Saratoga	Galway Jr/Sr High School
Saratoga	Schuylerville Jr/Sr High School
Saratoga	Stillwater Middle/High School
Schoharie	Cobleskill-Richmondville High School
Schoharie	Middleburgh Jr/Sr High School
Schoharie	Schoharie High School
Schoharie	Sharon Springs Central School
Seneca	Romulus Central School
Seneca	Waterloo High School
St. Lawrence	Edwards-Knox Jr/Sr High School
St. Lawrence	Gouverneur Jr/Sr High School
St. Lawrence	Heuvelton Central School
St. Lawrence	Hugh C. Williams Senior High School

County	School/Campus Name
St. Lawrence	Morristown Central School
St. Lawrence	Northwest Tech Center
St. Lawrence	Seaway Career & Technical Education Center
St. Lawrence	SLL BOCES
St. Lawrence	Southwest Career & Technical Education Center
St. Lawrence	Potsdam Senior High School
Steuben	Arkport Central School
Steuben	Avoca Central School
Steuben	Jasper-Troupsburg Jr/Sr High School
Steuben	Prattsburgh Central School
Steuben	Wayland-Cohocton High School
Steuben	Wildwood Campus
Suffolk	Bridgehampton School
Suffolk	Fishers Island School
Suffolk	Huntington Campus
Suffolk	Mattituck Jr/Sr High School
Suffolk	Shoreham-wading River High School
Suffolk	Western Suffolk BOCES- Dix Hills Campus
Suffolk	Western Suffolk BOCES- Huntington Campus
Sullivan	Livingston Manor High School
Sullivan	Sullivan BOCES Main Campus
Sullivan	Sullivan West High School at Lake Huntington
Sullivan	Tri-Valley Secondary School
Tioga	Newark Valley Senior High School
Tioga	Owego Free Academy
Tioga	Spencer-Van Etten High School
Tioga	Tioga Senior High School
Tompkins	Finger Lakes Residential Center
Tompkins	Ithaca Senior High School
Tompkins	TST BOCES Cornell University
Tompkins	TST BOCES Main Campus
Ulster	Rondout Valley High School
Washington	Argyle Junior/Senior High School
Washington	Granville Junior-Senior High School
Washington	Greenwich Junior-Senior High School
Washington	Hartford Middle/High School
Washington	Salem High School
Washington	Southern Adirondack Education Center
Wayne	Marion Junior-Senior High School
Wayne	Red Creek High School
Wayne	Wayne Technical and Career Center
Westchester	Tech Center Campus
Wyoming	Attica Senior High School
Wyoming	Letchworth Senior High School
Wyoming	Perry Jr/Sr High School
Wyoming	Warsaw Middle/High School
Yates	Penn Yan Academy

Future Farmers of America Programs

New York's Future Farmers of America (FFA) prepares its young members for personal growth, premiere leadership, and career success in agriculture. Through work-based learning, members gain the tools they need to become future leaders as farmers, chemists, veterinarians, community gardeners and more.

This chart lists all the FFA chapters in New York. Use this list to connect with FFA chapters near you to and set up visits, field trips and other opportunities to foster the younger generation's interest in agriculture and begin identifying students who may enter the agriculture workforce in the future.

For additional information about the New York FFA, including additional contact information for FFA chapters, visit: <https://www.nysffa.org/>.

County	FFA Chapter Name	E-mail Address
Albany	Berne Knox Westerlo FFA	michaela.kehrer@bkwschools.org sarah.mcardle@bkwschools.org
Allegany	Belmont CTE FFA	michael_beardsley@caboces.org cassandra_ploetz@caboces.org
Allegany	Bolivar-Richburg FFA	peshelman@bolivarrichburg.org
Allegany	Cuba-Rushford FFA	csantangelo@mycrs.org
Allegany	Fillmore FFA	shaggerty@fillmorecsd.org
Allegany	Genesee Valley CSD FFA	cwright@genvalley.org
Broome	Windsor FFA	TJames@windsor-csd.org dgreen@windsor-csd.org jhowe@windsor-csd.org
Cattaraugus	Cattaraugus-Little Valley FFA	kmitrowski@clvschools.org
Cattaraugus	Ellicottville BOCES FFA	kristina_ellis@caboces.org David_Swaciak@caboces.org
Cattaraugus	Franklinville FFA	jfarrand@tbafcs.org
Cattaraugus	Olean BOCES FFA	teresa_disarno@caboces.org Richard_Phinney@caboces.org
Cattaraugus	Pioneer FFA	jclayson@pioneerschools.org rclayson@pioneerschools.org jubaker@pioneerschools.org
Cattaraugus	Randolph FFA	ahitchcock@randolphcsd.org
Cayuga	Cato-Meridian FFA	abornt@catomeridian.org
Cayuga	Cayuga-Onondaga FFA	khopkins@cayboces.org
Cayuga	Moravia FFA	kfrank@moraviaschool.org
Cayuga	Southern Cayuga FFA	wassonh@southerncayuga.org kuliss@southerncayuga.org
Chautauqua	Cassadaga Valley FFA	CBurns@cvcougars.org
Chautauqua	Clymer FFA	rslava@clymercsd.org
Chautauqua	Hewes FFA	ajohnson@e2ccb.org jangeletti@e2ccb.org

		sshields@e2ccb.org aarrance@e2ccb.org
Chautauqua	Pine Valley FFA	ihabermehl@pval.org
Chautauqua	Sherman FFA	KMaleski@sherman.wnyric.org
Chemung	GST Bush FFA	vheywood@gstboces.org mbryant@gstboces.org
Chenango	Afton FFA	creeder@aftoncsd.org
Chenango	Bainbridge-Guilford FFA	eanderson@bgcsd.org
Chenango	Chenango Tech Center FFA	crumbt@dcmoboces.com
Chenango	Otselic Valley FFA	alehmann@ovcs.org
Chenango	Oxford FFA	rjohnson@oxac.org
Chenango	Sherburne-Earlville FFA	chiappettan@seonline.org bugbees@seonline.org
Chenango	Unadilla Valley FFA	jdevries@uvstorm.org
Clinton	Beekmantown FFA	whelden.nellie@bcsdk12.org
Clinton	CV-TEC FFA	craig_anika@cves.org
Clinton	Northern Adirondack FFA	klabombard@nacs1.org
Columbia	Taconic Hills FFA	sgardner@taconichills.k12.ny.us cbeaver@taconichills.k12.ny.us
Cortland	Cincinnatus FFA	mmacneill@cc.cnyric.org
Cortland	Homer FFA	BHead@homercentral.org aparrott@homercentral.org WPatriarco@homercentral.org
Cortland	Marathon FFA	Aukemac@marathonschools.org
Cortland	McGraw FFA	mcole@mcgrawschools.org
Delaware	DCMO BOCES FFA	whittakz@dcmoboces.com langg@dcmoboces.com
Delaware	Delaware Academy FFA	msomers@delhischools.org
Delaware	Sidney FFA	Jwaltz@sidneycsd.org larsenault@sidneycsd.org
Delaware	Walton FFA	vmerrill@waltoncsd.org
Dutchess	Dutchess BOCES FFA	rebecca.cossa@dcbooces.org
Dutchess	John Jay FFA	emily.sztaberek@wcsdny.org maryjane.mcfarland@wcsdny.org
Dutchess	Pine Plains FFA	s.rhoades@ppcsd.org
Dutchess	Red Hook FFA	chegarty@rhcsd.org shutman@rhcsd.org
Erie	Carrier Center FFA	sfarr@e2ccb.org lvalentic@e2ccb.org TErickson@e2ccb.org
Erie	McKinley FFA	rcallea@buffaloschools.org rlis@buffaloschools.org jhughes@buffaloschools.org sphornquist@buffaloschools.org Kbaudo@buffaloschools.org rpharris@buffaloschools.org
Erie	Springville FFA	tnickerson@springvillegi.org
Erie	W D Ormsby FFA	pverratti@e2ccb.org dskora@e2ccb.org

		AKirst@e2ccb.org
Franklin	Brushton-Moira FFA	jstmary@bmcsd.org jbarney@bmcsd.org
Franklin	Chateaugay FFA	d.harrigan@chateaugaycsd.org d.ashline@chateaugaycsd.org
Franklin	Salmon River FFA	deldridge@srk12.org hhoag@srk12.org moakes@srk12.org
Fulton	HFM Ag. PTech FFA	vsubik@hfmbores.org kmang@hfmbores.org
Genesee	Byron-Bergen FFA	jparnapy@bbschools.org
Genesee	Elba	tdahlhaus@elbacsd.org
Genesee	Genesee Valley FFA	jvanderbosch@gvboces.org oolson@gvboces.org bharwood@gvboces.org
Genesee	Oakfield-Alabama-Elba FFA	thofheins@oahornets.org
Genesee	Pavilion Central FFA	KDeBerardinis@pavilioncsd.org
Greene	Greenville FFA	hallr@greenvillescd.org hughescl@greenvillescd.org casem@greenvillescd.org
Herkimer	Herkimer FFA	tbaker@herkimercsd.org
Herkimer	Mount Markham FFA	klindsey@mmcsd.org ebugbee@mmcsd.org hraymond@mmcsd.org
Herkimer	Owen D. Young FFA	Rdando@odycsd.org
Herkimer	West Canada Valley	ktreen@westcanada.org
Jefferson	Alexandria Bay FFA	mcullen@acsghosts.org mgreene@acsghosts.org
Jefferson	Belleville Henderson FFA	tbean@bhpanthers.org
Jefferson	Carthage FFA	jphelps@carthagecsd.org
Jefferson	Indian River FFA	nicholehirt@ircsd.org
Jefferson	South Jefferson FFA	mfregoeckronk@spartanpride.org ancronk@spartanpride.org
Jefferson	Watertown FFA	adonnell@watertowncsd.org
Kings	James Madison FFA	akerber2@schools.nyc.gov jquarto@schools.nyc.gov CPugliese2@schools.nyc.gov
Lewis	Beaver River FFA	jjacobs@brcsd.org ttaylor@brcsd.org
Lewis	Lowville FFA	bplace@lowvilleacademy.org mphelps@lowvilleacademy.org abeyer@lowvilleacademy.org
Lewis	South Lewis FFA	rhoward@southlewis.org
Livingston	Charles G May FFA	sdrazkowski@gvboces.org sdaugherty@gvboces.org tgleba@gvboces.org khanggi@gvboces.org jjurek@gvboces.org
Madison	Canastota FFA	pburnor@canastotacsdsd.org
Madison	Cazenovia Aggies FFA	mmillen@caz.cnyric.org

Madison	DeRuyter FFA	Huttar@deruytercentral.org
Madison	Hamilton FFA	jbossard@hamiltoncentral.org
Madison	Madison FFA	pkeville@madisoncentralny.org mbruno@madisoncentralny.org
Madison	Morrisville-Eaton FFA	rwerbela@m-ecs.org
Madison	Stockbridge Valley FFA	pwaldron@stockbridgevalley.org esmith@stockbridgevalley.org
Montgomery	Fonda Fultonville FFA	bandera@ffcsd.org jholmes@ffcsd.org
Montgomery	Mohawk Valley FFA	julia.hudyncia@oesj.org
Nassau	Nassau BOCES Tech FFA	tkaplan@mail.nasboces.org rkinsell@mail.nasboces.org msalvati@mail.nasboces.org thorn@mail.nasboces.org
New York	NY Harbor FFA	rarezzo@newyorkharborschool.org mgonzalez@newyorkharborschool.org rmarkuske@newyorkharborschool.org
Niagara	Royalton-Hartland FFA	msweeney@royhart.org
Oneida	Adirondack FFA	hsweeney@adirondackcsd.org
Oneida	Oneida County BOCES FFA	souellette@oneida-boces.org placelle@oneida-boces.org jdaley@oneida-boces.org dpilbeam@oneida-boces.org bcampbell@oneida-boces.org
Oneida	Remsen FFA	rives@remsenccsd.org
Oneida	Vernon-Verona-Sherrill FFA	JFerreira@vvsschools.org Acresswell@vvsschools.org
Oneida	Waterville FFA	jcrawford@watervillecsd.org cgallagher@watervillecsd.org
Onondaga	Fabius-Pompey FFA	lpalmer@fabiuspompey.org eodell@fabiuspompey.org
Onondaga	Marcellus FFA	ceaton@marcellusschools.org jkillian@marcellusschools.org
Onondaga	Nottingham FFA	JRodriguez5@scsd.us
Onondaga	Onondaga Central FFA	rgawryla@ocs.cnyric.org woscarlece@onondagacsd.org
Onondaga	OnTech FFA	morgan.boerman@ontechcharter.org
Onondaga	Tully FFA	rachel.bennett@k12.tullyschools.org taylor.currie@k12.tullyschools.org
Ontario	FLTCC FFA	Ginger.Dailey@wflboces.org chantel.hamlin@wflboces.org
Ontario	Whitman FFA	mcoolbaugh@mwcsd.org
Orange	Orange-Ulster BOCES FFA	jeffrey.reichle@ouboces.org logan.roebuck@ouboces.org lia.massimo@ouboces.org
Orange	Warwick Valley FFA	ncolgan@wvcscd.org mehlers@wvcscd.org
Orleans	Albion FFA	soldenburg@albionk12.org
Orleans	Medina FFA	TEick@medinacsd.org
Orleans	Orleans-Niagara BOCES	phungerford@onboces.org

Oswego	Oswego BOCES FFA	rgravelle@CiTiboces.org jdesantis@CiTiboces.org cdpetroc@CiTiboces.org
Otsego	Otsego FFA	lmiller@mail.oncboces.org
Otsego	Richfield Springs	rbarkman@richfieldcsd.org mmagliocca@richfieldcsd.org
Queens	HART FFA	SKhalsa2@schools.nyc.gov
Queens	John Bowne FFA	lweinstein4@schools.nyc.gov cfuentes6@schools.nyc.gov pzbrzezny@schools.nyc.gov pdickie@schools.nyc.gov tstanfo@schools.nyc.gov jzhu6@schools.nyc.gov kpetznick@schools.nyc.gov teder5@schools.nyc.gov BMcdermott2@schools.nyc.gov
Queens	Renaissance Charter FFA	riaadetheridge@rencharter.org
Rensselaer	Hoosick Falls FFA	davidsonk@hoosickfallscsd.org gulleyk@hoosickfallscsd.org
Saratoga	F. Donald Myers FFA	dflynn@wswheboces.org ghammond@wswheboces.org pzabielski@wswheboces.org dfleischut@wswheboces.org
Saratoga	Galway FFA	llevine@galwaycsd.org
Saratoga	Schuylerville FFA	footem@schuylerville.org millerc@schuylerville.org
Schoharie	Cobleskill-Richmondville FFA	fletcherd@crccd.org strobeckm@crccd.org
Schoharie	Middleburgh FFA	carmen.fagnani@middleburghcsd.org
Schoharie	Schoharie Valley FFA	Mwilmot@schoharieschools.org tbogardus@schoharieschools.org
Schoharie	Sharon Springs FFA	aallen@sharonsprings.org
Seneca	Romulus FFA	jwillard@romuluscsd.org
Seneca	Waterloo FFA	robin.allen@waterloocsd.org
St. Lawrence	Canton FFA	cwright@ccsdk12.org gwalley@ccsdk12.org
St. Lawrence	Edwards-Knox FFA	mgault@ekcsk12.org
St. Lawrence	Gouverneur FFA	moore.katrina@gcsk12.org spinner.kylie@gcsk12.org
St. Lawrence	Northwest Tech FFA	jhughes@sllboces.org emullaney@sllboces.org
St. Lawrence	Potsdam FFA	Khill@potsdam.k12.ny.us
St. Lawrence	SLL Ag Academy FFA	patricia.gilbert@sllboces.org Amanda.Bond@sllboces.org Kenton.zehr@sllboces.org
Steuben	Avoca Central	ebrennan@avocacsd.org
Steuben	Jasper-Troupsburg FFA	Ghavens@jtcscd.org
Steuben	Prattsburg FFA	elwarda@prattsburghcsd.org
Suffolk	Bridgehampton FFA	jcfayyaz@gmail.com
Suffolk	Mattituck-Cutchogue FFA	efrend@mufsd.com

		acapolongo@mufsd.com
Suffolk	Shoreham-Wading River FFA	knohejl@swr.k12.ny.us dschaefer@swr.k12.ny.us
Suffolk	Western Suffolk BOCES FFA	abranche@wsboces.org
Suffolk	Wilson Tech Huntington FFA	kkeymel@wsboces.org
Sullivan	Livingston Manor FFA	jessica.freidenstine@lmcs.us
Sullivan	Sullivan West FFA	mccarthypad@swcsd.org
Sullivan	Tri-Valley FFA	taraberescik@trivalleycsd.org ashleywightman@trivalleycsd.org
Tioga	Newark Valley FFA	gschweiger@nvcs.stier.org MPalmer@nvcs.stier.org
Tioga	Owego FFA	hild@oacsd.org davis@oacsd.org
Tioga	Spencer-Van Etten FFA	pathorne@svecsd.org mfriscia@svecsd.org
Tioga	Tioga Central	jclark@tiogacentral.org mtate@tiogacentral.org mbarbier@tiogacentral.org
Tompkins	Finger Lakes FFA	david.chaffee@ocfs.ny.gov
Tompkins	Groton FFA	cmahany@grotoncs.org
Tompkins	TST Career & Tech FFA	mlefever@tstboces.org miannello@tstboces.org dkinney@tstboces.org
Tompkins	TST New Visions FFA	mkline@tstboces.org mzorn@tstboces.org
Ulster	Rondout Valley FFA	SHornbeck@rondout.k12.ny.us bdavenport@rondout.k12.ny.us nbodnar@rondout.k12.ny.us dneumann@rondout.k12.ny.us
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Washington	Granville FFA	dcahan@granvillecsd.org cgoodwin@granvillecsd.org jrhoades@granvillecsd.org
Washington	Greenwich FFA	lberghorn@greenwichcsd.org ckelly@greenwichcsd.org
Washington	Hartford FFA	tstewart@hartfordcsd.org
Washington	Salem FFA	amaxwell@salemcsd.org
Washington	Southern Adirondack FFA	sslater@wsweboces.org
Wayne	Lyons FFA	bdailey@lyonscsd.org
Wayne	Marion FFA	ajones@marioncs.org llachnor@marioncs.org
Wayne	Wayne Technical Center FFA	jerwin@wflboces.org KPaladino@wflboces.org
Wyoming	Attica FFA	mbarber@atticacsd.org
Wyoming	Letchworth FFA	fhess@letchworth.k12.ny.us KWilcox@letchworth.k12.ny.us
Wyoming	Perry FFA	vwołoszyn@perrycsd.org
Wyoming	Warsaw FFA	lmould@warsawcsd.org
Yates	Penn Yan FFA	cbossard@pycsd.org

4-H Programs

[New York's 4-H programs](#) connect youth to hands-on learning opportunities and experiences in areas like health, science, agriculture and civic engagement in a positive environment where they receive guidance from adult mentors and are encouraged to take on proactive leadership roles. Kids experience 4-H in New York through in-school and after-school programs, school and community clubs and 4-H camps.

There are many opportunities for New York youth ages 5 to 19 to learn about dairy cattle and participate in dairy projects through 4-H and Cornell Cooperative Extension (CCE) programs with dairy-specific programming. Youth have opportunities to raise and show calves and cattle, as well as work in teams to compete in Dairy Bowl and Dairy Challenge competitions. Youth leave the dairy programs with an understanding of the dairy and agriculture industries, advanced knowledge of biology, anatomy, and physiology and an understanding of nutrition and business skills.

This chart lists 4-H programs that offer agriculture and/or dairy programming in New York State. Use this list to connect with 4-H programs near you and set up visits, field trips and other opportunities to foster the younger generation's interest in agriculture and begin identifying students who may enter the agriculture workforce in the future.

Reach out to your local or county CCE and 4-H educators to connect on programming opportunities in your area: <https://cals.cornell.edu/cornell-cooperative-extension/local-offices>.

4-H Program and County	CCE Contact Information	Agriculture and Dairy-Specific Programming
Albany County 4-H	Phone: 518-765-3500 Email: albany@cornell.edu	Career X Urban 4-H
Allegany County 4-H	Phone: 585-268-7644 Email: allegany@cornell.edu	Dairy Quiz Bowl Dairy Judging Dairy Discovery Workshop Dairy Challenge at the Great New York State Fair Dairy Drive-Thru
Broome County 4-H	Phone: 607-772-8953 Email: broome@cornell.edu	New & Beginning Farmers Milk Duds Club
Cattaraugus County 4-H	Phone: 716-699-2377 Email: cattaraugus@cornell.edu	Dairy Committee Meetings Community/Town Meeting/Forum style delivery Dairy Judging Clinics (hands-on learning, demonstration)
Cayuga County 4-H	Phone: 315-255-1183 Email: cayuga@cornell.edu	4-H Youth Dairy Challenges/Competitions

4-H Program and County	CCE Contact Information	Agriculture and Dairy-Specific Programming
<u>Chautauqua County 4-H</u>	Phone: 716-664-9502 Email: chautauqua@cornell.edu	4-H Dairy Project 4-H Youth Fair
<u>Chemung County 4-H</u>	Phone: 607-734-4453 Email: chemung@cornell.edu	4-H Camp Explore
<u>Chenango County 4-H</u>	Phone: 607-334-5841 Email: chenango@cornell.edu	Chenango County Dairy Day 4-H school enrichment
<u>Clinton County 4-H</u>	Phone: 518-561-7450 Email: clinton@cornell.edu	Milk Dippers Club The Helping Hands Club
<u>Columbia & Greene Counties 4-H</u>	Phone: 518-622-9820 Email: columbiagreene@cornell.edu	Dairy Bowl 4-H clubs
<u>Cortland County 4-H</u>	Phone: 607-391-2660 Email: cortland@cornell.edu	4-H Dairy Program Cortland Jr. Fair Dairy Cattle Program
<u>Delaware County 4-H</u>	Phone: 607-865-6531 Email: delaware@cornell.edu	4-H Dairy Quizbowl 4-H Dairy Judging 4-H Dairy Challenge
<u>Dutchess County 4-H</u>	Phone: 845-677-8223 Email: dutchess@cornell.edu	Flourishing Farmers Program
<u>Erie County 4-H</u>	Phone: 716-652-5400 Email: erie@cornell.edu	4-H Dairy Orientation Webinar/on-line learning Dairy Advisory Committee meeting Roundtable Style Meetings Dairy Steer Orientation Webinar/on-line learning
<u>Essex County 4-H</u>	Phone: 518-962-4810 Email: essex@cornell.edu	Dairy Bowl
<u>Franklin County 4-H</u>	Phone: 518-483-7403 Email: franklin@cornell.edu	Dairy Club Beginning Farmers
<u>Fulton and Montgomery Counties 4-H</u>	Phone: 518-853-2135 Email: fultonmontgomery@cornell.edu	Farmers' Museum Junior Livestock Show 4-H Dairy Goat Showmanship Clinic
<u>Genesee County 4-H</u>	Phone: 585-343-3040 Email: genesee@cornell.edu	Dairy Club Dairy Challenge
<u>Herkimer County 4-H</u>	Phone: 315.866.7920 Email: herkimer@cornell.edu	4-H Clubs
<u>Jefferson County 4-H</u>	Phone: 315-788-8450 Email: jefferson@cornell.edu	4-H Dairy Bowl Practice Webinar/on-line learning 4-H Dairy Committee Community/Town Meeting/Forum style delivery 4-H Dairy Show Challenges/Competitions Dairy Club meeting

4-H Program and County	CCE Contact Information	Agriculture and Dairy-Specific Programming
<u>Lewis County 4-H</u>	Phone: 315-376-5270 Email: lewis@cornell.edu	Lewis County 4-H at the Fair Dairy Clipping Contest Dairy Showmanship & Breed Classes Dairy Judging Contest
<u>Livingston County 4-H</u>	Phone: 585-991-5420 Email: livingston@cornell.edu	Dairy Day - Cameron 4-H school enrichment Dairy Day - Laurenton Pardee Dairy Day - Rochester Academy Charter Dairy Day - YMCA
<u>Madison County 4-H</u>	Phone: 315-684-3001 Email: madison@cornell.edu	Cazenovia Central School Dairy 4-H school enrichment Dairy Bowl Practice 4-H clubs Hamilton Central School Dairy State Dairy Bowl Stockbridge Valley Central School Dairy
<u>Monroe County 4-H</u>	Phone: 585-753-2550 Email: monroe@cornell.edu	Dairy Days (Gr. PK – 6 and Special Education) 4-H school enrichment Dairy Farming in a Glove
<u>Nassau County 4-H</u>	Phone: 516-832-2591 Email: nassau@cornell.edu	4-H Afterschool Programs
<u>New York City 4-H</u>	Phone: 212-340-2910 Email: cenyc@cornell.edu	Youth Development Programs
<u>Niagara County 4-H</u>	Phone: 716-433-8839 Email: niagara@cornell.edu	Beginning Farmer Training Program Eat Fresh! Niagara WNY Food Incubator Youth Animal Science Program
<u>Oneida County 4-H</u>	Phone: 315-736-3394 Email: oneida@cornell.edu	Dairy Bowl Dairy Judging Dairy Challenge
<u>Onondaga County 4-H</u>	Phone: 315-424-9485 Email: onondaga@cornell.edu	4-H Clubs
<u>Ontario County 4-H</u>	Phone: 585-394-3977 Email: ontario@cornell.edu	Harvest Food Fest Ontario County Fair
<u>Orange County 4-H</u>	Phone: 845-344-1234 Email: orange@cornell.edu	4-H Dairy Program Education Center & 4-H Park
<u>Orleans County 4-H</u>	Phone: 585-798-4265 Email: orleans@cornell.edu	Orleans County Fair
<u>Oswego County 4-H</u>	Phone: 315-963-7286 Email: oswego@cornell.edu	4-H Clubs
<u>Putnam County 4-H</u>	Phone: 845-278-6738 Email: putnam@cornell.edu	Putnam County Youth Forum

4-H Program and County	CCE Contact Information	Agriculture and Dairy-Specific Programming
Rensselaer County 4-H	Phone: 518.272.4210 Email: renselaer@cornell.edu	4-H Clubs
Rockland County 4-H	Phone: 845-429-7085 Email: rockland@cornell.edu	Rockland County 4-H Showcase
Saratoga County 4-H	Phone: 518-885-8995 Email: saratoga@cornell.edu	4-H Animal Ambassadors
Schenectady County 4-H	Phone: 518-372-1622 Email: schenectady-mailbox@cornell.edu	4-H Clubs Altamont Fair
Schoharie and Otsego Counties 4-H	Phone: 518-234-4303 Email: schoharie@cornell.edu	4-H Dairy Bowl/Workshops/trainings (face-to-face) 4-H Dairy Judging 4-H Dairy Quiz Bowl District Dairy Quiz Bowl State Event 4-H Dairy Showmanship NYS 4-H Virtual Dairy Bowl Practice Schoharie County 4-H Dairy Quiz Bowl Practice
Schuyler County 4-H	Phone: 607-535-7161 Email: schuyler@cornell.edu	Schuyler County Farm Tour Weekend
Seneca County 4-H	Phone: 315-539-9251 Email: seneca@cornell.edu	Ag Lit Dairy at the Library Clinics (i.e. hands-on learning, demonstration)
St. Lawrence County 4-H	Phone: 315-379-9192 Email: stlawrence@cornell.edu	4-H Dairy Showmanship Clinic 4-H school enrichment Careers in Dairy 4-H afterschool CCE Dairy Showmanship Clinic 4-H clubs Dairy - Animal Handling/Rope Halters 4-H camps Dairy - Digestion Dairy - Farm Tour Adon Farms Dairy - Farmers are Warriors Dairy Education - Lisbon Central Dairy Education Program Dairy Education Program - 3rd Grade - EKCS Dairy Education Program - CPCS Dairy Education Program - Gouverneur ESD Dairy Education Program - Lisbon Central School Dairy Education Program - North East Migrant Dairy Lessons (Dairy Product Nutrition, Farming in a Glove HDCS, Ice Cream, Intro/Calves, Milking/Making Butter, What Cows Eat) Lisbon Dairy Day
Steuben County 4-H	Phone: 607-664-2300 Email: steuben@cornell.edu	Dairy Judging Dairy Quiz Bowl 4-H Dairy Project

4-H Program and County	CCE Contact Information	Agriculture and Dairy-Specific Programming
<u>Suffolk County 4-H</u>	Phone: 631-727-7850 Email: suffolk@cornell.edu	Summer Camp at the Suffolk County Farm
<u>Sullivan County 4-H</u>	Phone: 845-292-6180 Email: sullivan@cornell.edu	Youth Development Programs Farm and Food Business Training Program
<u>Tioga County 4-H</u>	Phone: 607-223-2753 Email: tioga@cornell.edu	Hilltop Community Farm Youth Development Programs
<u>Tompkins County 4-H</u>	Phone: 607-272-2292 Email: tompkins@cornell.edu	4-H Youth Fair Kritter Kamp
<u>Ulster County 4-H</u>	Phone: 845-340-3990 Email: ulster@cornell.edu	Ulster County Fair Dairy Discovery Days
<u>Warren County 4-H</u>	Phone: 518-623-3291 Email: warren@cornell.edu	Youth Programs
<u>Washington County 4-H</u>	Phone: 518-746-2560 Email: washington@cornell.edu	Dairy Bowl
<u>Wayne County 4-H</u>	Phone: 315-331-8415 Email: wayne@cornell.edu	4-H Clubs
<u>Westchester County 4-H</u>	Phone: 914-285-4620 Email: westchester@cornell.edu	4-H Clubs Yorktown Grange Fair
<u>Wyoming County 4-H</u>	Phone: 585-786-2251 Email: wyoing@cornell.edu	Dairy Bowl Challenges/Competitions Dairy Challenge Dairy Food Science Webinar/on-line learning Dairy Judging Dairy Kahoot Webinar/on-line learning Dairy Showmanship Clinic Clinics (hands-on learning, demonstration)
<u>Yates County 4-H</u>	Phone: 315-536-5123 Email: yates@cornell.edu	Dundee Library Dairy 4-H school enrichment Penn Yan Library Dairy Workshops/trainings (face-to-face)

MANRRS Programs

[Minorities in Agriculture, Natural Resources, and Related Sciences](#), or MANRRS, is a national society that welcomes membership of people of all racial and ethnic group participation in agricultural and related science careers. MANRRS provides networks to support professional development of minorities. MANRRS Membership is open to anyone with a vital interest in advancing in career and professional development within a welcoming environment and space that fosters diversity, equity, and inclusion in agriculture, natural resources, and related sciences industries. The MANRRS Program has Junior Chapters and Collegiate Chapters for students, as well as a Professional Chapter for those employed by or involved professionally in the industry.

Junior MANRRS Chapters

Junior MANRRS is for students in grades 7-12 interested in a future in science, technology, engineering, agriculture, mathematics, or related careers.

There are currently no Junior MANRRS Chapters in New York State.

Collegiate MANRRS Chapters

At the collegiate level, MANRRS provides undergraduate and graduate students access to valuable industry connections, internships, conferences, and opportunities for individuals pursuing degrees in science, technology, engineering, agriculture, mathematics, or related STEAM careers.

There are currently two Collegiate MANRRS Chapters in New York State:

County	MANRRS Chapter	Advisors	Contact Information
Tompkins	Cornell University	Dr. Jean-Luc Jannink Shorna Allred	cornell@manrrs.org
Allegany	Houghton University	Karl Sisson	houghton@manrrs.org

Professional MANRRS Membership

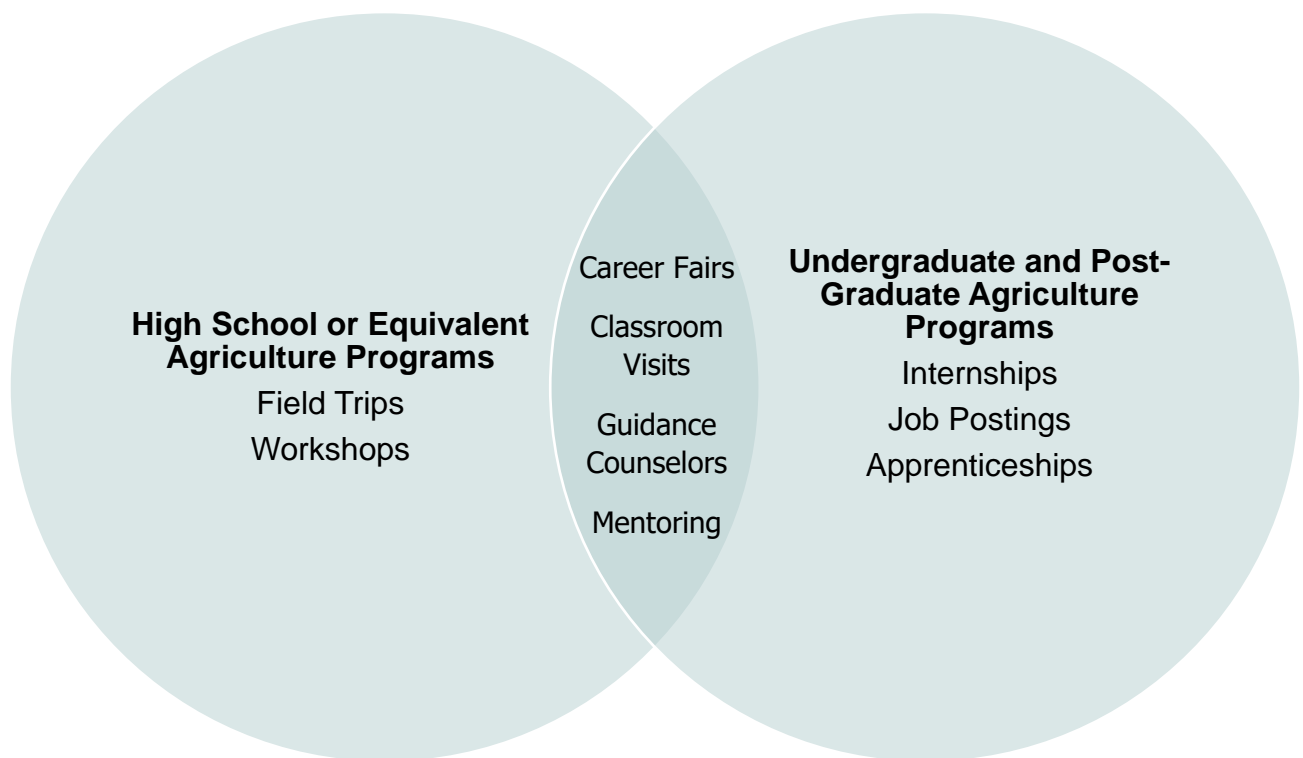
Members of the National Society for Minorities in Agriculture, Natural Resources and Related Sciences professional chapter have the opportunity to connect with potential job candidates while leading the future generation of MANRRS students who will advance the industry. Any person who is employed by or involved professionally in the industry and is not enrolled as a full-time student in any educational institution can be a member of the National Society for MANRRS professional chapter.

More information about MANRRS programs is available here: <https://www.manrrs.org/>

Pipeline to Skilled Workers Ready to Enter the Industry

New York State's schools, colleges and universities offer a variety of different academic programs focused on agriculture. These programs are training students on the skills and education they need to enter the workforce immediately after graduation. Connect with schools and programs in your area to recruit potential employees or find students to participate in internships or part-time positions.

Question for Improvement to Pipeline: Should there be a concerted effort across each entity to work together on programs that intersect?



High School or Equivalent Level Agricultural Programs in New York State

Boards of Cooperative Educational Services, or BOCES, provide shared educational programs and services to school districts within New York State. There are currently 37 BOCES that are partnering with nearly all the state's school districts to help meet students' evolving educational needs through cost-effective and relevant programs. Learn more about New York's BOCES programs here: <https://www.boces.org/>.

Career and technical education, or CTE, programs provide academic and technical instruction in the content areas of agriculture, business and marketing, family and consumer sciences, health sciences, trade and technical education and technology education in New York State. Students who complete approved CTE programs will receive an industry-recognized credential, certificate or an associate or baccalaureate degree. Learn more about New York's agriculture CTE programs here: <http://www.nysed.gov/career-technical-education/agriculture>.

The New York State Pathways in Technology, or NYS P-TECH, program is a public-private partnership that will prepare thousands of New York students for high-skills jobs of the future in technology, manufacturing, healthcare and finance. Through these programs of study, students will be able to earn transcript college credit toward an Associate degree. Career pathways begin in grade nine and include workplace learning and high school and college coursework. The pathway provides a seamless sequence of study extending through two years of postsecondary career and technical education which culminates in an A.A.S degree. Learn more about NYS P-TECH here: <http://www.nysed.gov/postsecondary-services/pathways-technology-nys-p-tech-program>.

This chart lists high school or equivalent level agriculture-related programs in New York State, including BOCES, CTE and P-TECH programs. Where available, titles of specific programs are listed. Use this list to connect with schools near you and recruit students for potential employment or other training and advancement opportunities.

County/Borough	School District/BOCES	Program Site	Program Type
Albany	Berne Knox	Berne-Knox-Westerlo Junior-Senior High School	Agriculture
Albany	Capital Region BOCES	Albany Campus	Agriculture
Allegany	Fillmore	Fillmore Central School	Agriculture
Allegany	Cuba-Rushford	Cuba-Rushford High School	Agriculture
Allegany	Wellsville	Wellsville Secondary School	Comprehensive Agriculture Science
Bronx	NYC District 7 - Bronx	J.M. Rapport School for Career Development	
Bronx	NYC District 9 - Bronx	Comprehensive Model School Project M.S. 327	Urban Farming
Brooklyn	NYC District 21 - Brooklyn	Abraham Lincoln High School	Veterinary Science

County/Borough	School District/BOCES	Program Site	Program Type
Brooklyn	NYC District 13 - Brooklyn	Dr. Susan S. McKinney Secondary School of the Arts	
Brooklyn	NYC District 16 - Brooklyn	Boys And Girls High School	
Brooklyn	NYC District 23 - Brooklyn	Brooklyn Democracy Academy	
Brooklyn	NYC District 23 - Brooklyn	Teachers Preparatory High School	
Brooklyn	NYC District 32 - Brooklyn	EBC High School for Public Service	
Broome	Windsor	A.F. Palmer Elementary - Windsor Central Middle School	Agriculture
Broome	Windsor	Windsor Central High School	Agriculture
Broome	Owego	Owego Apalachin CTE Center	Animal Science
Broome Delaware Tioga	Broome- Tioga BOCES	Education Center - CTE Wing	Animal Science Agricultural Science
Cattaraugus	Franklinville	Franklinville Junior-Senior High School	Agriculture
Cattaraugus	Cattaraugus	Cattaraugus-Little Valley High School	Agriculture
Cattaraugus	Randolph	Randolph Senior High School	Agriscience
Cattaraugus	Yorkshire-Pioneer	Pioneer Senior High School	Agricultural Education Veterinarian Assistant
Cattaraugus Allegany Erie Wyoming	Cattaraugus-Allegany-Erie-Wyoming BOCES	Ellicottville CTE Olean CTE Belmont CTE	Natural Resources Animal Science
Cayuga	Cato Meridian	Cato-Meridian Junior-Senior High School	Agriculture
Cayuga	Southern Cayuga	Southern Cayuga 7-12 Secondary School	Agriculture
Cayuga	Moravia	Moravia Junior-Senior High School	Agriculture
Cayuga Onondaga	Cayuga-Onondaga BOCES	Cayuga-Onondaga BOCES - CTE	Plant, Animal & Life Sciences
Chautauqua	Cassadaga Valley	Cassadaga Valley Middle/High School	Landscaping and Horticulture
Chautauqua	Pine Valley	Pine Valley Central Jr-Sr High School	Agriculture
Chautauqua	Clymer	Clymer Central School	Agriculture
Chautauqua	Sherman	Sherman High School	Agriculture
Chenango	Afton	Afton Junior/Senior High School	Agriculture
Chenango	Unadilla Valley	Unadilla Valley Secondary School	Agricultural and Applied Science
Chenango	Oxford	Oxford Academy High School	Agriculture
Chenango	Sherburne Earlville	Sherburne-Earlville Senior High School	Agriculture
Clinton	Beekmantown	Beekmantown High School	Agriculture
Clinton	Northern Adirondack	Northern Adirondack Middle/High School	Agriculture
Clinton Essex Warren Washington	Clinton-Essex-Warren-Washington BOCES	CV-TEC Plattsburgh Main Campus	Environmental Conservation and Forestry Veterinary Assistant Large Animal Production

County/Borough	School District/BOCES	Program Site	Program Type
Clinton Essex Warren Washington	Clinton-Essex-Warren-Washington BOCES	CV-TEC Mineville Branch	Natural Resource Management
Columbia	Taconic Hills	Taconic Hills Junior/Senior High School	Agriculture
Cortland	Cincinnatus	Cincinnatus High School	Agriculture
Cortland	Homer	Homer Senior High School	Agricultural Science
Cortland	Marathon	Marathon High School	Agriculture
Cortland	McGraw	McGraw Central School District	Agricultural Science
Delaware	Deposit	Deposit Middle-Senior High School	
Delaware	Delaware Academy-Delhi	Delaware Academy High School	Agriculture
Delaware	Roxbury	Roxbury Central School	
Delaware	Sidney	Sidney High School	Agriculture
Delaware	Walton	Walton High School	Agriculture Science
Delaware Chenango Madison Otsego	Delaware-Chenango-Madison-Otsego BOCES	Chenango CTE/Career Academy	Conservation and Equipment Technology
Dutchess	Pawling	Pawling Middle School	Agriculture
Dutchess	Pine Plains	Stissing Mountain Jr/Sr High School	
Dutchess	Dutchess BOCES	Career And Tech Institute	Careers in Animal and Plant Science
Erie	Buffalo	McKinley Vocational High School	Horticulture and Plant Science Aquatic Ecology Conservation
Erie	Buffalo	South Park High School	
Erie	Buffalo	Riverside Academy High School	Conservation
Erie	Springville-Griffith	Griffith Institute High School	Agriculture
Erie	Erie 1 BOCES	Kenton CTE	Animal Science
Erie	Erie 1 BOCES	Harkness CTE	Animal Science
Erie	Erie 1 BOCES	Potter CTE	Animal Science
Erie Chautauqua Cattaraugus	Erie 2-Chautauqua-Cattaraugus BOCES	Hewes CTE	Conservation Small Animal Science
Erie Chautauqua Cattaraugus	Erie 2-Chautauqua-Cattaraugus BOCES	Ormsby CTE	Conservation Small Animal Science
Erie Chautauqua Cattaraugus	Erie 2-Chautauqua-Cattaraugus BOCES	Carrier CTE	Small Animal Science
Erie Chautauqua Cattaraugus	Erie 2-Chautauqua-Cattaraugus BOCES	Loguidice CTE	Conservation Small Animal Science
Essex	Schroon Lake	Schroon Lake Central School	
Franklin	Chateaugay	Chateaugay High School	Agriculture
Franklin	Brushton Moira	Brushton-Moira High School	Agriculture
Franklin Essex Hamilton	Franklin-Essex-Hamilton BOCES	Adirondack Education Center CTE	Natural Resources Conservation

County/Borough	School District/BOCES	Program Site	Program Type
Fulton Hamilton Montgomery	Hamilton-Fulton-Montgomery	PTECH at Hamilton-Fulton-Montgomery	Environmental Conservation Veterinary and Animal Science
Genesee	Byron Bergen	Byron-Bergen Jr/Sr High School	Agriculture
Genesee	Elba	Elba Junior-Senior High School	Agriculture
Genesee	Oakfield Alabama	Oakfield-Alabama Middle/High School	Agriculture
Genesee	Pavilion	Pavilion Junior-Senior High School	Agriculture
Genesee Livingston Steuben Wyoming	Genesee Valley BOCES	Batavia Career and Technical Education Center	Conservation Animal Science
Genesee Livingston Steuben Wyoming	Genesee Valley BOCES	Mt. Morris CTE Center	Conservation Animal Science
Greene	Cairo-Durham	Cairo-Durham High School	
Greene	Greenville	Greenville High School	Agriculture
Greene Delaware Otsego Schoharie	Otsego Northern Catskills BOCES	Otsego Area Occupational Center CTE	Natural Resource Occupations
Hamilton Fulton Montgomery	Hamilton-Fulton-Montgomery BOCES	Hamilton-Fulton-Montgomery CTE	Environmental Conservation Veterinary and Animal Science
Herkimer	West Canada Valley	West Canada Valley Junior-Senior High School	Agriculture
Herkimer	Herkimer	Herkimer High School	Agriculture
Herkimer	Mount Markham	Mt. Markham Senior High School	Agriculture
Herkimer Fulton Hamilton Oswego	Herkimer-Fulton-Hamilton-Otsego BOCES	BOCES Virtual Location - Herkimer BOCES CTE	Conservation
Jefferson	South Jefferson	South Jefferson High School	Agriculture
Jefferson	Alexandria Central School District	Alexandria Central High School	Agriculture
Jefferson	Indian River	Indian River High School	Agriculture
Jefferson	Belleville-Henderson	Belleville Henderson Central School	Agriculture
Jefferson	Watertown	Watertown Senior High School	Agriculture
Jefferson	Carthage	Carthage Senior High School	Agriculture
Jefferson Lewis Hamilton Herkimer	Jefferson-Lewis BOCES	CTE - Charles H. Bohlen Jr. Technical Center	Veterinary Practices
Jefferson Lewis Hamilton Herkimer	Jefferson-Lewis BOCES	CTE - Howard G. Sackett Technical Center	Environmental Conservation & Forestry Veterinary Practices
Lewis	Lowville	Lowville High School	Agriculture

County/Borough	School District/BOCES	Program Site	Program Type
Lewis	South Lewis	South Lewis High School	Agriculture
Lewis	Beaver River	Beaver River High School	Agriculture
Madison	Cazenovia	Cazenovia High School	Agriculture
Madison	Deruyter	Deruyter High School	Agriculture
Madison	Morrisville Eaton	Morrisville Middle School - High School	Agriculture
Madison	Hamilton	Hamilton Junior-Senior High School	Agriculture
Madison	Canastota	Canastota High School	Agriculture
Madison	Madison	Madison Central School	Agriculture
Madison	Stockbridge Valley	Stockbridge Valley Central School	Agriculture
Madison Oneida	Madison-Oneida BOCES	Madison-Oneida BOCES CTE	Conservation Equine and Animal Science
Manhattan	NYC District 2 - Manhattan	Academy for Software Engineering	
Manhattan	NYC District 3 - Manhattan	Urban Assembly for Green Careers	Aquaculture Marine Biology Research Urban Agriculture Marine Affairs, Policy and Advocacy
Manhattan	NYC District 6 - Manhattan	High School-Media & Communications	
Monroe	Monroe 2-Orleans BOCES	WEMOCO	Careers in Agriculture
Montgomery	Fonda Fultonville	Fonda-Fultonville Senior High School	Agriculture
Montgomery	Oppenheim-Ephratah-St. Johnsville	Oppenheim-Ephratah-St. Johnsville Junior High School	Agriculture
Nassau	Freeport	Freeport High School	
Nassau	Oceanside	Castleton Academy High School of Oceanside	
Nassau	Nassau BOCES	Nassau BOCES Joseph M. Barry CTE	Horse Science and Management Veterinary Science Animal Care
Niagara	Starpoint	Starpoint High School	
Niagara	Royalton Hartland	Royalton-Hartland High School	Agriculture Education
Niagara Orleans	Orleans-Niagara BOCES	Niagara Center	Animal Science Conservation
Niagara Orleans	Orleans-Niagara BOCES	Orleans Center	Animal Science
Oneida	Adirondack	Adirondack High School	Agriculture
Oneida	Remsen	Remsen Junior-Senior High School	Agriculture
Oneida	Waterville	Waterville Junior-Senior High School	Agriculture
Oneida	Sherrill	Vernon-Verona-Sherrill Senior High School	Agriculture
Oneida Herkimer Madison	Oneida-Herkimer-Madison BOCES	Oneida-Herkimer-Madison BOCES CTE	Conservation Animal Science

County/Borough	School District/BOCES	Program Site	Program Type
Onondaga	Fabius-Pompey	Fabius-Pompey Middle School - High School	Agriculture
Onondaga	Marcellus	Marcellus High School	Agriculture
Onondaga	Onondaga	Onondaga Senior High School	Agriculture
Onondaga	Syracuse	Nottingham High School	Natural Resources
Onondaga	Ontech Charter High School	Ontech Charter High School	Agriculture
Onondaga	Tully	Tully Junior-Senior High School	Agricultural Science
Ontario	Geneva	Geneva High School	
Ontario	Gorham-Middlesex	Marcus Whitman High School	Agriculture
Ontario Wayne Seneca Cayuga Yates	Wayne-Finger Lakes BOCES	Flint Technical Career Center Wayne Technical Career Center	Animal Science Conservation
Orange	Pine Bush	Pine Bush Senior High School	
Orange	Goshen	Goshen Central High School	
Orange	Port Jervis	Port Jervis Middle School	Agriculture
Orange	Warwick Valley	Warwick Valley High School	Agriculture
Orange Ulster	Orange-Ulster BOCES	CTE - Goshen	Animal Science
Orleans	Albion	Charles D'Amico High School	Agriculture
Orleans	Medina	Medina High School	Agriculture
Oswego	Oswego	Oswego High School	
Oswego	Oswego BOCES	Oswego County BOCES Project Explore	Agricultural Studies
Otsego	Richfield Springs Central School District	Richfield Springs Junior-Senior High School	Agriculture
Putnam	Haldane	Haldane High School	
Queens	NYC District 25 - Queens	John Bowne High School	Agricultural and Domestic Services Plant Science Animal Science
Queens	NYC District 29 - Queens	Excelsior Prep High School	
Queens	NYC District 29 - Queens	George Washington Carver High School	Veterinary Science
Rensselaer	Averill Park	Averill Park High School	
Rensselaer	Hoosic Valley	Hoosic Valley Junior-Senior High	Agriculture
Rensselaer	True North Troy Prep Charter	True North Troy Prep Charter School	
Rensselaer Columbia Greene	Questar III BOCES	Columbia Greene Educational Center	Agricultural Science
Rockland	Rockland BOCES	West Nyack Campus	Animal Science
Saratoga	Galway	Galway Junior-Senior High School	Agriculture
Saratoga	Schuylerville	Schuylerville High School	Agriculture
Saratoga	Stillwater	Stillwater Middle School-High School	Agriculture
Schoharie	Middleburgh	Middleburgh Junior-Senior High School	Agriculture
Schoharie	Cobleskill-Richmondville	Cobleskill-Richmondville High School	Agriculture

County/Borough	School District/BOCES	Program Site	Program Type
Schoharie	Schoharie	Schoharie High School	Agriculture
Schoharie	Sharon Springs	Sharon Springs Central School	Agriculture
Schuyler Steuben Chemung Tioga Allegany	Greater Southern Tier BOCES	Pauline Bush CTE Coopers CTE Wildwood CTE	Conservation Animal Science
St. Lawrence	Canton	H C Williams Senior High School	Agriculture
St. Lawrence	Clifton Fine	Clifton-Fine Junior-Senior High School	
St. Lawrence	Gouverneur	Gouverneur Junior-Senior High School	Agriculture
St. Lawrence	Potsdam	Potsdam Senior High School	
St. Lawrence	Edwards-Knox	Edwards-Knox Junior-Senior High School	
St. Lawrence Lewis	St. Lawrence-Lewis BOCES	Northwest CTE Center Seaway CTE Center Southwest CTE Center	Natural Resource Management Agricultural Studies
Steuben	Avoca	Avoca Central School	Agriculture
Steuben	Arkport	Arkport Central School	Agriculture
Steuben	Prattsburgh	Prattsburgh Central School	Agriculture
Steuben	Jasper-Troupsburg	Jasper-Troupsburg Junior-Senior High School	Agriculture
Suffolk	Sachem	Sachem High School North	
Suffolk	Bridgehampton	Bridgehampton School	Food Production and Processing Plant Systems Natural Resource Systems Agribusiness
Suffolk	Eastern Suffolk BOCES	Transition Services Program at Brookhaven Learning Center	Animal Science
Suffolk	Eastern Suffolk BOCES	Bixhorn Technical Center	Animal Science
Suffolk	Eastern Suffolk BOCES	Harry B. Ward Technical Center	Agriculture
Suffolk	Western Suffolk	Wilson Tech Center - Hunting	Equine Studies Veterinary Medical Assisting
Sullivan	Sullivan BOCES	CTE Center	Animal Science Natural Resources
Sullivan	Tri-Valley	Tri-Valley Secondary School	Agriculture
Sullivan	Jeff Youngsville	Sullivan West High School	Agriculture
Tioga	Waverly	Waverly High School	Agriculture
Tioga	Newark Valley	Newark Valley Senior High School	Agriculture
Tioga	Owego-Appalachian	Owego Free Academy	Agriculture
Tioga	Spencer Van Etten	Spencer-Van Etten High School	Agriculture
Tompkins	George Jr. Republic	George Jr. Republic School	Agriculture, Food and Natural Resources
Tompkins	Groton	Groton Junior-Senior High School	Agriculture
Tompkins	New Roots Charter School	New Roots Charter School	Agriculture
Tompkins Seneca Tioga	Tompkins-Seneca-Tioga BOCES	Tompkins-Seneca-Tioga CTE	Animal Science

County/Borough	School District/BOCES	Program Site	Program Type
Ulster	Rondout Valley	Rondout Valley High School	Agriculture
Washington	Argyle	Argyle Junior-Senior High School	Agriculture
Washington	Granville	Granville Junior-Senior High School	Agriculture
Washington	Greenwich	Greenwich Junior-Senior High School	Agriculture
Washington	Hartford	Hartford Middle/High School	Agriculture
Washington	Salem	Salem High School	Agriculture Science
Washington	Cambridge	Cambridge Junior-Senior High School	Agriculture
Washington Saratoga Warren Hamilton Essex	Washington-Saratoga-Warren-Hamilton-Essex BOCES	Southern Adirondack Education Center CTE	Environmental Conservation and Forestry
Washington Saratoga Warren Hamilton Essex	Washington-Saratoga-Warren-Hamilton-Essex BOCES	F. Donald Myers Education Center CTE	Horticulture Horse Care Environmental Conservation and Forestry Small Animal Science
Westchester Putnam	Putnam-Northern Westchester BOCES	Tech Center at Yorktown	Urban Forestry Veterinary Science
Westchester	Southern Westchester BOCES	Southern Westchester BOCES Valhalla Campus	Animal Science
Westchester	Yonkers	Saunders High School	Biotechnology
Wyoming	Attica	Attica Senior High School	Agriculture
Wyoming	Letchworth	Letchworth Senior High School	Agriculture
Wyoming	Perry	Perry Junior-Senior High School	Agriculture
Wyoming	Warsaw	Warsaw Senior High School	Agriculture
Yates	Penn Yan	Penn Yan Academy	Agricultural Mechanics Agricultural Production Animal Science

Undergraduate and Post-Graduate Educational Programs in New York State

This chart lists undergraduate and post-graduate agriculture academic programs in New York State. Use this list to connect with colleges and universities near you to recruit students for potential employment.

Campus Name	Academic Program Name	Award Name
SUNY Adirondack	Agricultural Business	A.A.S.
Alfred State College	Agricultural Automation & Robotics	A.A.S.
	Agricultural Business	A.A.S.
	Agricultural Entrepreneurship	B.Tech.
	Agricultural Technology	A.A.S.
	Veterinary Technology	A.A.S.
SUNY Canton	Agribusiness Management	B.B.A.
	Veterinary Science Technology	A.A.S.
	Veterinary Service Administration	B.B.A.
	Veterinary Technology	B.S.
SUNY Cobleskill	Ag-Animal Sci-Dairy Production & Mgmt	A.A.S.
	Agricultural Business	A.A.S.
	Agricultural Business Management	B.S.
	Agricultural Business Management	B.Tech.
	Agricultural Equipment Technology	B.Tech.
	Agriculture-Agricultural Science	A.A.S.
	Agriculture: Animal Industry	A.A.S.
	Agriculture: Animal Industry	A.O.S.
	Animal Science	B.S.
	Animal Science	B.Tech.
	Dairy Production and Management	A.A.S.
	Farm and Food Entrepreneurship	CERT
	Food Systems & Technology	B.Tech.
Cornell University - College of Agriculture and Life Sciences	Agricultural Sciences	B.S.
	Animal Science	M.S.
	Animal Science	Ph.D.
	Animal Science - Animal Health Concentration	M.P.S.
	Animal Science - Animal Nutrition Concentration	M.P.S.
	Animal Science - Animal Production Sustainability Concentration	M.P.S.
	Animal Science - Animal Sciences Concentration	M.P.S.
	Animal Science - Dairy Business Management Concentration	M.P.S.

Campus Name	Academic Program Name	Award Name
	Animal Sciences	B.S.
	Applied Economics & Management	B.S.
	Applied Economics & Management	M.P.S.
	Applied Economics & Management – Business of Food Concentration	M.P.S.
	Applied Economics & Management	M.S.
	Applied Economics & Management – Food & Agricultural Economics Concentration	M.S.
	Applied Economics & Management	Ph.D.
	Applied Economics & Management – Food & Agricultural Economics Concentration	Ph.D.
	Community Food Systems	Minor
	Crop Management	Minor
	Entomology	B.S.
	Environmental Engineering	B.S.
	Food & Agricultural Business	Minor
	Food Science	B.S.
	Food Science - Dairy Processing Concentration	M.F.S.
	Food Science - Enology Concentration	M.F.S.
	Food Science - Food Chemistry Concentration	M.F.S.
	Food Science - Food Engineering Concentration	M.F.S.
	Food Science - Food Microbiology and Food Safety Concentration	M.F.S.
	Food Science - Food Toxicology Concentration	M.F.S.
	Food Science - Sensory Evaluation Concentration	M.F.S.
	Food Science & Technology	M.S.
	Food Science & Technology	Ph.D.
	Horticulture	Minor
	Information Sciences	B.S.
	Integrative Plant Sciences - Agronomy Concentration	M.P.S.
	Integrative Plant Sciences - Cannabis Sciences Concentration	M.P.S.
	Integrative Plant Sciences - Climate Change and Agriculture Concentration	M.P.S.
	Integrative Plant Sciences - Crop Science Concentration	M.P.S.
	Integrative Plant Sciences - Geospatial Applications Concentration	M.P.S.
	Integrative Plant Sciences - Hemp Sciences Concentration	M.P.S.
	Integrative Plant Sciences - Plant Biotechnology Concentration	M.P.S.
	Integrative Plant Sciences - Plant Protection Concentration	M.P.S.

Campus Name	Academic Program Name	Award Name
	Integrative Plant Sciences - Plant Systems Concentration	M.P.S.
	Integrative Plant Sciences - Public Garden Leadership Concentration	M.P.S.
	Integrative Plant Sciences - Soil Science Concentration	M.P.S.
	Integrative Plant Sciences - Viticulture Concentration	M.P.S.
	Interdisciplinary Studies	B.S.
	Nutritional Sciences	B.S.
	Plant Breeding, Science Communication	Minor
	Plant Sciences	B.S.
	Soil Science	Minor
	Sustainable Agriculture & Food Systems	Minor
	Viticulture & Enology	B.S.
SUNY Delhi	Veterinary Science Technology	A.A.S.
	Veterinary Technology	B.S.
Empire State University	Agricultural Education: Residency	M.A.T.
	Agricultural Education: Transitional B	M.A.T.
SUNY Erie	Biotechnological Science	A.A.A.
SUNY Genesee Community College	Veterinary Technology	A.A.S.
Hudson Valley Community College	Animal Policy	CERT
Houghton University	Pre-Veterinary	B.S.
	Environmental Science	B.S.
Ithaca College	Agriculture Education	M.A.T.
Jefferson Community College	Agri-Business	A.A.S.
	Zoo Technology	A.A.S.
Monroe Community College	Agricultural & Food Studies	CERT
SUNY Morrisville	Agricultural Business	A.A.S.
	Agricultural Business Development	B.B.A
	Agricultural Science	A.A.S.
	Animal Science - Dairy	A.A.S.
	Dairy Management	B.Tech.
	Equine Science	B.Tech.
	Equine Science & Management	A.A.S.
	Food & Agribusiness	M.S.
	Horticulture	A.A.S.
	Horticulture Business Management	B.Tech.

Campus Name	Academic Program Name	Award Name
	Agricultural Engineering Technology	A.A.S.
	Agricultural Mechanics	A.O.S.
	Diesel Equipment Technology	A.A.S.
	Diesel Technology	A.O.S.
	Aquaculture & Aquatic Science	A.A.S.
	Environmental & Natural Resources Management	B.Tech.
	Environmental Conservation Science	A.S.
	Natural Resources Conservation	A.A.S.
	Renewable Energy	B.Tech.
	Renewable Energy Technology	A.A.S.
SUNY Oswego	Agricultural Education	B.S.
	Agricultural Education	M.S.Ed.
	Agricultural Education (Initial)	CERT
	Agricultural Education (Professional)	CERT
	Agricultural Subjects	B.S.
	Agricultural Subjects	M.S.Ed.
	Career and Technology Education	M.S.Ed.
Stony Brook University	Small Scale Farming	N/A – training program
Suffolk County Community College	Veterinary Science Technology	A.A.S.
Tompkins Cortland Community College	Sustainable Farming & Food Systems	A.A.S.
Ulster County Community College	Animal Science Office Assistant	CERT
	Veterinary Technology	A.A.S.
Westchester Community College	Veterinary Technology	A.A.S.

Pipeline to Workers Interested in Agriculture with No Training

DOL Registered Apprenticeships

Registered apprenticeship is a formal training relationship between an employer, known as the “sponsor,” and an employee, known as the “apprentice.” Registered apprenticeships are for a specific period of time and combine hands-on work experience and trade-specific classroom instruction, known as “related instruction,” both of which are provided by the apprenticeship sponsor. During this time, the apprentice learns a trade, and the sponsor gains a professional, independent, skilled worker.

Apprenticeship programs can be sponsored by employers, groups of employers and jointly by employers and unions.

Apprentices are full-time paid employees who produce high-quality work while they learn skills that enhance their employment prospects. They are paid on a graduated scale to ensure that salary reflects the degree of skill achieved.

A business is in control of the apprentice selection process. Apprentices are employees of a business, so the employer will set the minimum qualifications and standards. The employer can choose to award credit for prior education and experience to potential candidates.

The New York State Department of Labor (NYS DOL), through recognition from the United States Department of Labor, oversees registered apprenticeship programs in New York State. The State Education Department has authority over related instruction.

More information is available on the Department of Labor’s [website](#).

How to Register an Apprenticeship Program

Step 1: Contact your [regional apprenticeship field office](#) to be connected with a regional apprenticeship staff member with the NYS Department of Labor (DOL) who will explain the apprenticeship program, how the process works and the regulations involved.

Step 2: A DOL regional apprenticeship staff member will visit your place of business, help complete the application packet and provide any technical assistance.

Step 3: Your DOL regional apprenticeship staff member will help determine which existing trade(s) best suit your needs. [Many training outlines are immediately available](#). For new trades, staff will conduct a no-cost job study, which is reviewed by the State Apprenticeship and Training Council and approved by the DOL Commissioner.

[Existing apprenticeship programs in agriculture-specific trades](#)

[Existing apprenticeship programs that are not specific to agriculture, but can be applied to specific careers in the agriculture industry](#)

Other food-related registered apprenticeships that could be changed and applied to the dairy industry

New trade for your apprenticeship program

Step 4: Work with your DOL regional apprenticeship staff member to select your related instruction providers. All instruction providers must be approved by the New York State Education Department.

Step 5: Work with your DOL regional apprenticeship staff member to complete an Affirmative Action Pledge (for sponsors with fewer than five apprentices) or the Affirmative Action Plan.

Step 6: Once the application for your new apprenticeship program is complete, this information must be posted on DOL's website for a 30-day comment period to ensure transparency in the process.

Step 7: The approval process for a new apprenticeship program takes up to four months, but will vary in length depending on individual circumstances.

Step 8: Once approved, your DOL regional apprenticeship staff member will monitor your program twice per year to provide technical assistance and ensure that you are in compliance with the apprenticeship program requirements.

Step 9: Once approved, you can apply for any funding opportunities you may be eligible for to support the cost of your apprenticeship program.

[Funding for the Apprenticeship Program "Related Instruction" at SUNY](#)

[Empire State Apprenticeship Tax Credit](#)

[Apprenticeship Expansion Grant](#)

Funding Opportunities for DOL Registered Apprenticeship Programs

There is no cost to register an apprenticeship program with NYS DOL or for the technical assistance provided by DOL representatives. As a sponsor of an apprenticeship program, you are required to pay the salary of your apprentice, as well as the cost of the apprentice's required related instruction.

There are several tax credits and grants available to help fund Registered Apprenticeship Programs, including the Empire State Apprenticeship Tax Credit and the Apprenticeship Expansion Grant.

Funding for the Apprenticeship Program "Related Instruction" at SUNY:

Each registered apprenticeship program is required to have a portion of the program tied to classroom instruction. This classroom learning is referred to in the apprenticeship program as "related instruction." Related instruction provided by or at a SUNY, as well as other apprenticeship services provided by SUNY, can be reimbursed to each "sponsor" as follows:

- Cover a portion of "related Instruction" tuition costs and fees up to \$5,000 for Registered Apprentices from your company studying at a SUNY college.
- Reimburse a SUNY college for a portion of training for Pre-Apprentices up to \$500 to prepare them to work in your business.
- Cover a portion of the cost to assess Registered Apprentices' assessment conducted by a SUNY college for hybrid and competency programs.
- Reimburse advanced manufacturing employers with 50 or fewer employees for a portion of a Registered Apprentice's wages during On-the-Job Training (OJT).

More information is available here: <https://www.suny.edu/apprenticeship/employers/>.

Empire State Apprenticeship Tax Credit

The Empire State Apprenticeship Tax Credit provides tax incentives to NYS DOL Registered Apprenticeship program sponsors for registering new qualified apprentices through 2026. For group programs, the tax credit program is also available to the sponsor's approved participating signatory employers.

- This program is focused on demand occupations, excluding construction trades
- Enhanced credits are offered to those who employ disadvantaged youth (age 16-24 at time of enrollment) as apprentices and for those who engage the support of a mentor²²

²² An additional tax credit of \$500 for each apprentice who is counseled by a mentor for the full calendar year. For more information, email: ESATC@labor.ny.gov.

- Qualified apprentices must be employed full-time (a minimum of 35 hours per week) for at least six months during the tax year

A sponsor is entitled to tax credits against income or franchise tax. For each qualified apprentice, one of two credits is available:

Empire State Apprenticeship Tax Credit	Disadvantaged Youth Tax Credit
1st Year = \$2,000	1st Year = \$5,000
2nd Year = \$3,000	2nd Year = \$6,000
3rd Year = \$4,000	3rd Year = \$7,000
4th Year = \$5,000	4th Year = \$7,000
5th Year = \$6,000	5th Year = \$7,000

More information is available [here](#).

Apprenticeship Expansion Grant

The NYS DOL has committed up to \$2.55 million to expand New York State Registered Apprenticeships by increasing employment opportunities for approximately 170 apprentices with a focus on underrepresented populations.

- This grant will focus on Advanced Manufacturing, Health Care, Information Technology and other in-demand occupations identified by Regional Economic Development Councils (REDCs) and Local Workforce Development Boards
- Applicants may apply for up to \$300,000 for each award, where up to \$15,000 per apprentice is allowed to cover costs associated with training apprentices
- This funding will cover costs such as related instruction, on-the-job training, books and tools
- Eligible applicants include sponsors or the sponsor's approved participating signatory employers

More information is available [here](#).

Agriculture-Specific Trades

There are already several registered apprenticeship programs in agriculture-specific trades. These trades have been approved to offer registered apprenticeships in New York State and can be used immediately by any sponsor.

Dairy Specialist

The Dairy Specialist trade is a three-year, or 36-month, apprenticeship that is registered with the New York State Department of Labor and can be used immediately by any sponsor. The role includes managing calf barns, sick pens and birthing facilities, and adult cow facilities.

The training outline for the Dairy Specialist trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Dairy Processor

The Dairy Processor trade is pending NYS DOL approval as a registered apprenticeship program as of May 2023; please refer to the [NYS DOL apprenticeship website](#) for the most current information. The draft training outline for the Dairy Processor is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

(Dairy) Plant Maintenance – Electrician/Mechanic

The Plant Maintenance – Electrician/Mechanic trade is a four-year, or 48-month, apprenticeship that is registered with the New York State Department of Labor and can be used immediately by any sponsor.

The training outline for the Plant Maintenance – Electrician/Mechanic trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Other Trades Applicable to Agriculture and Dairy

There are also several registered apprenticeship programs that are not agriculture-specific trades, but could be applied to specific careers in the dairy industry and agriculture. These trades have been approved to offer registered apprenticeships in New York State and can be used immediately by any sponsor.

Industrial Manufacturing Technician

The Industrial Manufacturing Technician trade is a 16-month apprenticeship that is registered with the New York State Department of Labor and can be used immediately by any sponsor. The role includes production equipment setup and operation, quality production and quality assurance, routine equipment management, inventory and material processes and general business knowledge.

The training outline for the Industrial Manufacturing Technician trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 216 hours of related instruction are required for each apprentice for each year.

Truck Driver, Heavy

The Truck Driver, Heavy trade is a 12-month apprenticeship that is registered with the New York State Department of Labor and can be used immediately by any sponsor. The role includes vehicle inspection, tracking and management systems, driving skills,

driver and delivery document preparation, delivery driver hand-held devices, special delivery procedures and delivery processes.

The training outline for the Truck Driver, Heavy trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Instrument Technician

The Instrument Technician is a four-year or 48-month apprenticeship that is registered with the New York State Department of Labor and can be used immediately by any sponsor. The role includes care and use of tools and equipment, safety precautions and devices, instrument installation and repair and electrician repair and maintenance.

The training outline for the Instrument Technician trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Other food-related registered apprenticeships that could be changed and applied to the dairy industry include, but are not limited to, the following examples:

Brewer/Distiller

The Brewer/Distiller trade is a 20-month apprenticeship that is registered with the New York State Department of Labor. The training outline for the Brewer/Distiller trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Calibration Technician (Electrical/Electronic)

The Calibration Technician (Electrical/Electronic) trade is a four-year or 48-month apprenticeship that is registered with the New York State Department of Labor. The training outline for the Calibration Technician (Electrical/Electronic) trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Chemical Laboratory Technician

The Chemical Laboratory Technician trade is a four-year or 48-month apprenticeship that is registered with the New York State Department of Labor. The training outline for the Chemical Laboratory Technician trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Diesel Engine Mechanic

The Diesel Engine Mechanic trade is a three-year or 36-month apprenticeship that is registered with the New York State Department of Labor. The training outline for the Diesel Engine Mechanic trade is available [here](#). This training outline is a minimum

standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

HVAC Mechanic

The HVAC Mechanic trade is a four-year or 48-month apprenticeship that is registered with the New York State Department of Labor. The training outline for the HVAC Mechanic trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Junior Accountant

The Junior Accountant trade is a two-year or 24-month apprenticeship that is registered with the New York State Department of Labor. The training outline for the Junior Accountant trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Packer Mechanic

The Packer Mechanic trade is a 60-month apprenticeship that is registered with the New York State Department of Labor. The training outline for the Packer Mechanic trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Quality Assurance Auditor

The Quality Assurance Auditor trade is a two-year or 24-month apprenticeship that is registered with the New York State Department of Labor. The training outline for the Quality Assurance Auditor trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Water Systems Operation Specialist

The Water Systems Operation Specialist trade is a two-year or 24-month apprenticeship that is registered with the New York State Department of Labor. The training outline for the Water Systems Operation Specialist trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Wastewater Systems Operation Specialist

The Wastewater Systems Operation Specialist trade is a two-year or 24-month apprenticeship that is registered with the New York State Department of Labor. The training outline for the Wastewater Systems Operation Specialist trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

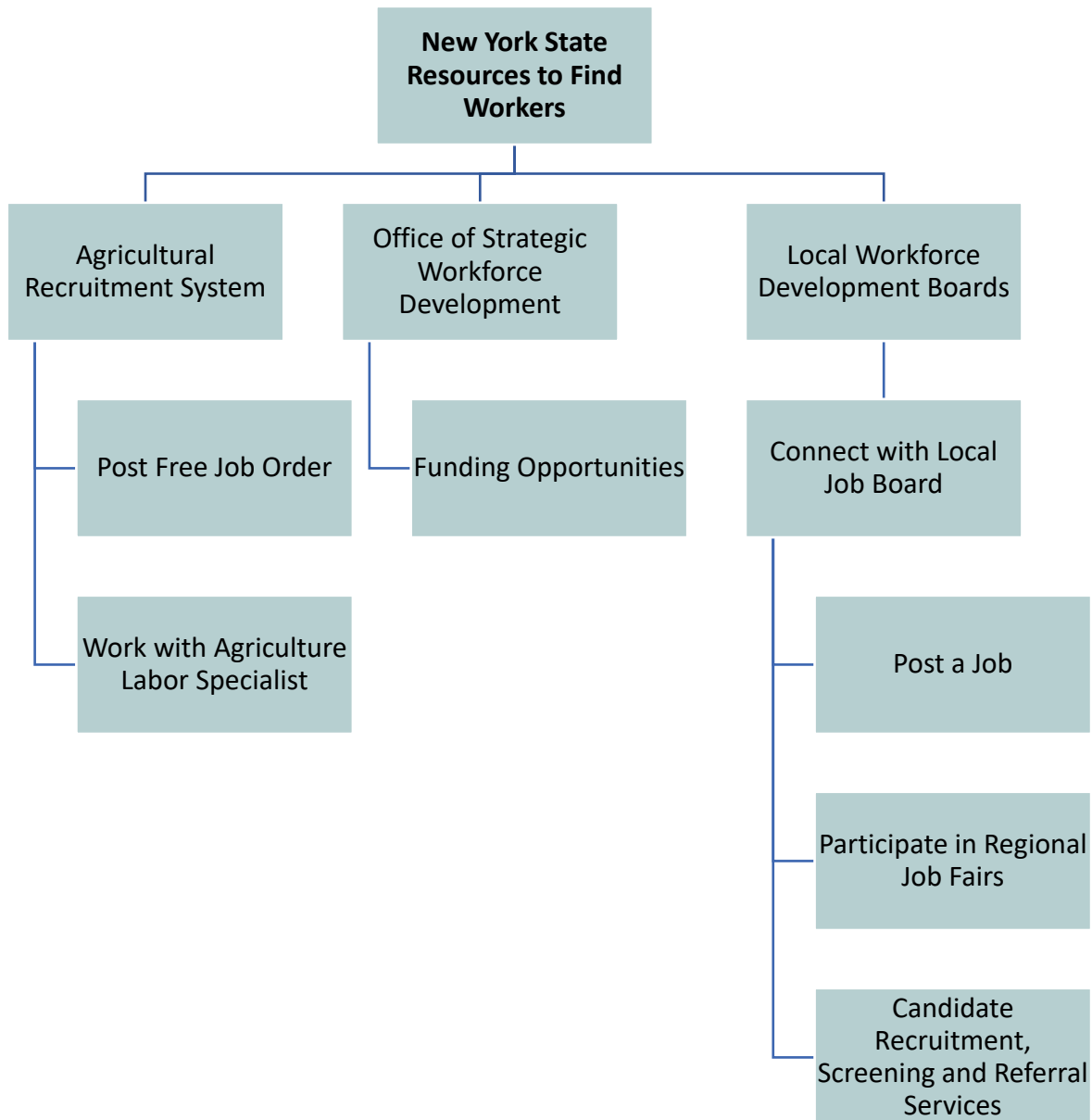
Welder

The Welder trade is a four-year or 48-month apprenticeship that is registered with the New York State Department of Labor. The training outline for the Welder trade is available [here](#). This training outline is a minimum standard for work processes and related instruction. A minimum of 144 hours of related instruction are required for each apprentice for each year.

Pipeline to Finding Workers Through New York State Programs and Resources

There are many programs and resources available in New York State for agricultural businesses to find workers for a variety of positions and skill levels.

Questions for Improvement to Pipeline: Is there a central location to house all these programs? How can these programs work together on intersecting issues?



Agricultural Recruitment System

The New York State Department of Labor offers many free services to businesses, including assisting employers with the recruitment of qualified workers on a temporary, seasonal or year-round basis. Contact your [Agriculture Labor Specialist](#) or any Department of Labor office to ask for assistance with meeting your workforce requirements.

Farms and other agricultural businesses can post a free job order in NYS DOL's job matching system. You can open a job order by completing the [Agricultural Employment Services Outreach Form](#) (AL 515) and sending it in by fax or by email to your [Agriculture Labor Specialist](#).

You also have the option to have your job order posted not only locally, but statewide and interstate using the U.S. Department of Labor's [Agricultural Recruiting System](#), or through your local [New York State Career Center](#).

To get a head start, complete the [Local Agriculture Job Order Form](#). For information about the federal Agricultural Recruitment System, please see DOL's [Agricultural Recruitment System fact sheet](#).

Office of Strategic Workforce Development

The Governor's Office recently announced the creation of the Office of Strategic Workforce Development (OSWD), housed within Empire State Development, to focus on both employer needs and supporting meaningful career pathways for workers. Through OSWD, New York will address the gap between available jobs and skilled workers head on, creating a skilled workforce vital to economic development, as businesses seek to locate in places with skilled talent.

Multi-year funding for OSWD includes \$115 million for flexible operating funds and performance-based grants for workforce training providers, and \$35 million for capital grants to help providers enhance their facilities and programming. Program guidelines [are posted on the OSWD website](#).

Learn more about the Office of Strategic Workforce Development here:
<https://workforcedevelopment.ny.gov/>.

Sign up to receive email updates on workforce development programming here:
<https://workforcedevelopment.ny.gov/contact>.

Local Workforce Development Boards

New York State's Local Workforce Development Boards (LWDB) serve as the backbone of the statewide workforce development system. Local boards develop strategic plans to match employers with qualified candidates and deliver skill-based programs to job-seekers through One-Stop Career Centers. By leveraging labor market insight with community resources, LWDB are committed to improving the workforce and economic landscape across New York State. With a total of 33 local boards throughout New York, communities are receiving unique attention on all matters pertaining to workforce and economic development.

LWDB are made up of representatives from a wide range of industries. LWDB are required to have business representation, including owners, chief executives or operating officers of organizations and workforce representation, including representatives from labor, youth and community-based organizations and apprenticeship programs. LWDB have additional representation from programs related to adult education and literacy, higher education, economic and community development, vocational rehabilitation and more. Currently, 13 of the state's 33 LWDB have a board member representing the agriculture industry. More information is available [here](#).

Contact your Local Workforce Development Board to further bolster the Board's interest in workforce development efforts in the agriculture industry.

Workforce Development Area	Director/Contact	Email
Albany-Rensselaer-Schenectady Counties ²³	Brian Williams	brian@capreg.org
Broome-Tioga Counties	Robert C. Murphy	robert.murphy@broomecounty.us
Cattaraugus-Allegany Counties	Jason Miller	jmiller@cawfny.com
Cayuga-Cortland Counties	Amy Buggs	abuggs@cortland-co.org
Chautauqua County	Katie Geise	kgeise@chautauquaworks.com
Chemung-Schuylar-Steuben Counties ²³	Phyllis Balliett	balliettp@csswfnny.com
Chenango-Delaware-Otsego Counties	Alice Savino	asavino@working-solutions.org
Clinton-Essex-Franklin-Hamilton Counties ²³	Sylvie Nelson	snelson@ncworkforce.com
Columbia-Greene Counties	Katy Drake	kathleen.drake@gmail.com
Dutchess County ²³	Louise McLoughlin	lmcloughlin@dcwib.org
Erie County	Francine E. Nicholas	nicholas@becwib.org
Fulton-Montgomery-Schoharie Counties ²³	Regina M. Papa	gpapa@fmsworkforcesolutions.org

²³ Currently has a board member from the agriculture industry

Workforce Development Area	Director/Contact	Email
<u>Genesee-Livingston-Orleans-Wyoming Counties (GLOW)</u>	Jay Lazarony	<u>jay.lazarony@co.genesee.ny.us</u>
<u>Hempstead-City of Long Beach</u>	Eric C. Mallette	<u>EMallette@hempsteadworks.com</u>
<u>Herkimer-Madison-Oneida Counties</u> ²³	Alice Savino	<u>asavino@working-solutions.org</u>
<u>Jefferson-Lewis Counties</u> ²³	Cheryl Mayforth	<u>c.mayforth@co.jefferson.ny.us</u>
<u>Monroe County</u>	David Seeley	<u>dseeley@rochesterworks.org</u>
<u>New York City</u>	Chris Neale	<u>cneale@wkdev.nyc.gov</u>
<u>Niagara County</u>	Bonnie Rice	<u>bonnie.rice@niagaracounty.com</u>
<u>Onondaga County</u>	Sheryl Bowman	<u>sbowman@cnyworks.com</u>
<u>Ontario-Seneca-Wayne-Yates Counties</u> ²³	Lynn Freid	<u>lynn@fingerlakesworks.com</u>
<u>Orange County</u>	Stephen Knob	<u>sknob@co.orange.ny.us</u>
<u>Oswego County</u> ²³	Rachel Pierce	<u>rachel.pierce@oswegocounty.com</u>
<u>Oyster Bay-North Hempstead-Glen Cove</u> ²³	John Sarcone	<u>jsarcone@oysterbay-ny.gov</u>
<u>Rockland County</u>	Debra Thomas	<u>dthomasrcwdb@gmail.com</u>
<u>Saratoga-Warren-Washington Counties</u> ²³	Gretchen Steffan	<u>gsteffan.sww.wdb@gmail.com</u>
<u>St. Lawrence County</u> ²³	Pam Lewis	<u>plewis@stlawco.org</u>
<u>Suffolk County</u>	Eric Lopez	<u>eric.lopez@suffolkcountyny.gov</u>
<u>Sullivan County</u> ²³	Laura Quigley	<u>laura.quigley@sullivanny.us</u>
<u>Tompkins County</u>	Rosemary Avila	<u>ravila@tompkins-co.org</u>
<u>Ulster County</u>	Sharon Williams	<u>shwi@co.ulster.ny.us</u>
<u>Westchester-Putnam Counties</u>	Thom Kleiner	<u>tkleiner@westchestergov.com</u>
<u>Yonkers</u>	Sean McGrail	<u>sean.mcgrail@yonkersny.gov</u>

Workforce Services and Funding Available in New York State

New York State offers a wide range of workforce development services to help connect with potential employees, as well as tax credit and grant opportunities.

Workforce Development Initiative Program

The New York State Department of Labor (NYS DOL) Workforce Development Initiative Program makes up to \$25 million available, on a first-come, first-serve basis, to award grants to provide occupational skills training commensurate with Regional Economic Development Council (REDC) priorities to existing employees and/or unemployed/underemployed individuals to qualify them for full-time (35-hours per week or more) or part-time employment or a higher level of employment.

Occupational skills training is defined as instruction conducted in an institutional or worksite setting designed to provide individuals with the skills required to perform a specific job or group of jobs needed by a business.

There are two program types under the NYS DOL Workforce Development Initiative Program:

1. Existing Employee Training (EET) Program; and
2. Unemployed/Underemployed Worker Training (UWT) Program.

More information is available [here](#).

Youth Jobs Program Tax Credit

The NYS DOL's Youth Jobs Program Tax Credit gives disadvantaged youths the opportunity to gain transferable professional skills and become a part of the workforce.

You may be eligible for the New York Youth Jobs Program when you hire at-risk youths, ages 16 to 24 years, living in specific target areas of New York State. The Department of Labor must certify you to participate in the program.

The Youth Jobs Program Tax Credit provides up to:

- \$3,750 for part-time hires (at least 20 hours per week)
- \$7,500 for full-time hires (35 hours or more per week)

More information is available here:

https://www.tax.ny.gov/pit/credits/ny_youth_works.htm

Excelsior Jobs Tax Credit

Empire State Development's Excelsior Jobs Program provides job creation and investment incentives to firms in targeted industries such as biotechnology, pharmaceutical, high-tech, clean-technology, green technology, financial services, agriculture and manufacturing. Firms in these industries that create and maintain new jobs or make significant financial investment are eligible to apply for up to four new tax credits, including a jobs tax credit of 6.85% of wages per new job. More information is available here: <https://esd.ny.gov/excelsior-jobs-program>.

Additional Workforce Resources

Cornell Agricultural Workforce Development

[Cornell Agricultural Workforce Development](#)'s mission is to help farmers and agribusinesses build committed and effective teams who will carry out the important work of feeding our local families and the world. Managers can build committed teams by applying the best human resource management practices for the agricultural setting.

Cornell's Ag Workforce program is tackling today's farm workforce challenges directly with educational programs that:

- Assist farm employers to understand and comply with state and federal employment regulations.
- Help employers onboard new employees who are "Safe, Productive, and Engaged from Day One!"
- Develop the leadership skills of managers and supervisors so they create an engaging and rewarding work experience for every employee through an Agricultural Supervisory Leadership Certificate program that includes six online courses.

The Cornell Ag Workforce team is also engaged in applied research that:

- Identifies best practices in human resource management that work in the farm setting.
- Brings data and analysis to discussions of farm employment policy at state and federal levels.
- Helps farms adopt labor-enhancing management techniques and technologies to keep New York farms competitive in the future.

Learn more at agworkforce.cals.cornell.edu.

Cornell Dairy Foods Extension Program

The [Cornell University Dairy Foods Extension](#) team is a diverse group of faculty and staff from the Department of Food Science with extensive knowledge that spans nearly all aspects of dairy science and technology. The team also assists the industry with emerging needs, including dairy workforce and economic development initiatives.

The Cornell University Dairy Foods Extension Team is addressing the workforce challenges through the following initiatives:

- High school "bootcamp" programming that exposes career-ready students to local job opportunities in the dairy processing sector

- Cornell Pro-Dairy [Junior DAIRY LEADER program](#) for youth ages 16 – 19 who have an interest in exploring careers in the dairy industry through hands-on experiential learning
- Coordinating with individual dairy processing facilities to assess their needs and help them implement training programs for new and/or incumbent employees
- Providing structured leadership and technical training programs to assist employee advancement
- Working with the dairy industry and partner organizations to develop new dairy processing workforce pipelines

The Dairy Foods Extension Program also provides support through the following programming:

- [The Cornell Dairy Foods Certificate Program](#) team has over a decade of experience in training New York State dairy processing employees through its certificate program, which teaches the “why” behind processing techniques and activities.
 - The Cornell Dairy Foods Extension certificate program offers training in topic areas including dairy science, food safety systems, pasteurization, and processing courses. Certificates are offered in five subject areas (i) [Science of Yogurt and Cultured Dairy Products](#), (ii) [Artisan Ice Cream and Frozen Desserts](#), (iii) [Fluid Milk Processing for Quality and Safety](#), (iv) [Membrane, Evaporation and Drying Technology](#), and (v) [the Science of Cheese Making](#).
- Front-line supervisor training through its [Leadership Skills for Success: Dairy & Food Processing Plant Front Line Supervisors](#) workshop in collaboration with the Cornell School of Industrial Labor Relations
- High-level leadership development programming with organizations such as International Dairy Foods Association
- Customized training and consulting through additional [services](#)

Learn more at <https://cals.cornell.edu/dairy-extension>